

# PUBLIC HEALTH REPORTS

VOL. 33

NOVEMBER 29, 1918

No. 48

## EPIDEMIC INFLUENZA.

### PREVALENCE IN THE UNITED STATES.

Influenza has ceased to be epidemic in many parts of the country. From some points recrudescences have been reported. Telegraphic reports in regard to the prevalence of influenza received by the Public Health Service from State health officers and Collaborating Epidemiologists of the Service for the week ended November 23 will be found in the Current State Summaries, page 2118. Reports of cases occurring in extra-cantonment zones and tables of the duration of the epidemic and of its severity in large cities will be found under the heading "Influenza," page 2123.

## EPIDEMIOLOGIC STUDIES OF POLIOMYELITIS.

A report of epidemiologic studies of poliomyelitis made during 1916 has recently been published by the Public Health Service.<sup>1</sup> The report covers a general statistical and epidemiologic study of the epidemic in New York City and the northeastern United States, intensive studies of the epidemics in the borough of Richmond, in certain counties in New Jersey, in Hartford County, Conn., and of some scattered cases in Connecticut and Rhode Island, and certain miscellaneous studies. Present knowledge in regard to the epidemiology of poliomyelitis is summarized.

## INFECTIOUS DISEASES OF CHILDREN.

In a bulletin<sup>2</sup> just published by the Public Health Service a study of 6,078 cases of infectious diseases among immigrant children is reported. The study related especially to cross infection and hospital management.

"Opinion in regard to the proper management of contagious diseases treated in hospitals," the author states in the introduction, "has

<sup>1</sup> "Epidemiologic Studies of Poliomyelitis in New York City and the Northeastern United States during the year 1916." By C. H. Lavinder, A. W. Freeman, and W. H. Frost. Public Health Bulletin No. 91. 310 pp.; 67 illustrations.

<sup>2</sup> Public Health Bulletin No. 95, "Infectious Diseases of Children, a Study of 6,078 Cases among Immigrants, with Special Reference to Cross Infection and Hospital Management." By J. G. Wilson.

undergone much change within the past decade. The old idea that infection occurs through the air and that a distinct quarantine must be drawn between wards and buildings containing patients with different contagious diseases has been gradually abandoned. This bulletin tries to show how in the Ellis Island Hospital the new methods have worked out in practice and suggests changes which will result in additional improvements."

The main conclusion reached as a result of the study is the practicability of treating contagious and noncontagious diseases in the same hospital and with the same nursing force. "While it is not advisable," the bulletin states, "to use the same open wards for both classes of cases, it has, nevertheless, been demonstrated that if these wards are cut up into small cubicles and the proper nursing technique enforced there is practically no danger of cross infection."

### MALARIA CONTROL ON ISLAND OF CYPRUS.

The annual medical report of the island of Cyprus for 1917 summarizes the antimalaria campaign which has been conducted on that island since 1913 and the results obtained. The number of cases of malaria treated was reduced from 10,035 in 1912 to 2,709 in 1917 and the percentage of enlarged spleens in school children was reduced from 17.2 per cent in 1913 to 6 in 1917. The antimalaria work, as summarized in this report, has consisted of cleaning and improving drains and streams; making new drains; filling in, screening, or covering wells; stocking wells with fish; filling in or draining pools; cutting and removing of grass. Drugs were used to some extent.

Shortly after the occupation of the island by the British in 1878, all troops except a small garrison were withdrawn because of the prevalence of malaria. During the present war, however, the island has been used for troops and a camp for prisoners of war has been established. The medical officer in charge reports no primary cases among prisoners and a rate among the troops of only 0.4 per cent.

The reduction in the prevalence of the disease is shown in the figures for each year, giving the total cases treated, according to the returns of the medical officers, and the percentage of enlarged spleens found on examination of school children each fall by the medical officers.

Year.	Total cases treated.	Spleen rate.	Year.	Total cases treated.	Spleen rate.
		<i>Per cent.</i>			<i>Per cent.</i>
1912.....	10,035		1915.....	4,539	11.5
1913.....	7,342	17.2	1916.....	3,752	7.6
1914.....	6,622	15.3	1917.....	2,709	6.0

## CITY HEALTH OFFICERS, 1918.

## DIRECTORY OF THOSE IN CITIES OF 10,000 OR MORE POPULATION IN 1910.

Directories of the city health officers in the cities of the United States having a population of 10,000 or more have been published in the Public Health Reports in 1916 and 1917<sup>1</sup> for the information of health officers and others interested in public health activities. These directories have been compiled from data furnished by the health officers.

The following is a similar directory for 1918:

City.	Name of health officer.	Official title.
<b>Alabama:</b>		
Anniston.....	C. Hal Cleveland.....	City health officer.
Bessemer.....	M. C. Ragsdale, jr., M. D.....	Do.
Birmingham.....	J. D. Dowling, M. D. <sup>2</sup> .....	Health officer.
Mobile.....	Chas. A. Mohr, M. D.....	City health officer.
Montgomery.....	C. G. Laslie, M. D.....	Do.
Selma.....	B. B. Rogan, M. D.....	Do.
Tuscaloosa.....	D. C. Steelsmith, M.D., C. P. H. <sup>3</sup>	Health officer.
<b>Arizona:</b>		
Phoenix.....	H. K. Beauchamp, M. D.....	Do.
Tucson.....	Meade Clyne, M. D.....	City health officer.
<b>Arkansas:</b>		
Fort Smith.....	George Franklin Hynes, M. D.....	City physician and health officer.
Helena.....	G. G. Altman, Phar. D., M. D.....	City health officer.
Hot Springs.....	John S. Wood, M. D. <sup>4</sup> .....	Do.
Little Rock.....	Milton Vaughan, M. D.....	Health commissioner.
North Little Rock.....	Arden Thos. McKinney, M. D.....	City health officer.
Pine Bluff.....	Fred C. Rowell, M. D.....	Do.
<b>California:</b>		
Alameda.....	A. Hieronymus, M. D.....	Health officer.
Bakersfield.....	Peter J. Cuneo, M. D.....	City health commissioner.
Berkeley.....	J. J. Benton, M. D.....	Health officer.
Eureka.....	Joseph F. Walsh, M. D. <sup>5</sup> .....	County health officer.
Fresno.....	C. Mathewson, M. D.....	City health officer.
Long Beach.....	Ralph L. Taylor, M. D.....	Health officer.
Los Angeles.....	L. M. Powers, M. D.....	Health commissioner.
Oakland.....	Kirby B. Smith, M. D.....	Health officer.
Pasadena.....	Stanley P. Black, M. D.....	Do.
Pomona.....	N. J. Rice, M. D.....	Do.
Redlands.....	Wm. A. Taltavall, M. D.....	Do.
Riverside.....	Wm. B. Wells, M. D.....	City health officer.
Sacramento.....	W. J. Hanna, M. D.....	Health officer.
San Bernardino.....	F. M. Gardner, M. D.....	Do.
San Diego.....	E. P. Chartres-Martin, M. D.....	Health officer and superintendent.
San Francisco.....	Wm. C. Hassler, M. D. <sup>6</sup> .....	Health officer.
San Jose.....	D. A. Beattie, M. D.....	Do.
Santa Ana.....	J. I. Clark, M. D.....	City health officer.

<sup>1</sup> Reprints Nos. 346 and 416.

<sup>2</sup> Also health officer for Jefferson County and all incorporated cities and towns in the county.

<sup>3</sup> Also health officer for Tuscaloosa County.

<sup>4</sup> Also health officer for Garland County.

<sup>5</sup> Health officer for Humboldt County.

<sup>6</sup> Also health officer for San Francisco County.

City.	Name of health officer.	Official title.
California—Continued.		
Santa Barbara.....	Geo. S. Hicks.....	Health officer and chairman of board of health.
Santa Cruz.....	A. N. Nittler, M. D.....	City health officer.
Stockton.....	Linwood Dozier, M. D.....	Health officer.
Vallejo.....	Jas. Brownlie, M. D.....	Acting health officer.
Colorado:		
Boulder.....	M. E. Miles.....	Director of public health.
Colorado Springs.....	G. B. Gilmore, M. D.....	Health officer.
Denver.....	William H. Sharpley, M. D. <sup>1</sup> .....	Manager of health and charity.
Fort Collins.....	Bert. A. Gooding, M. D.....	Health officer.
Greeley.....	Florence Feger, M. D.....	City physician.
Pueblo.....	John G. Wolf, M. D.....	Chief of department.
Trinidad.....	G. W. Robinson, M. D.....	City physician.
Connecticut:		
Ansonia.....	Frederick C. Goldstein, M. D... <sup>2</sup>	Health officer; school physician; milk inspector.
Bridgeport.....	Walter H. Brown, M. D.....	Health officer.
Bristol.....	H. D. Brennan, M. D.....	
Danbury.....	George E. Lemmer, M. D.....	Do.
Enfield.....	Geo. T. Finch, M. D.....	
Greenwich.....	Albert E. Austin, M. D.....	Do.
Hartford.....	Charles P. Botsford, M. D.....	Superintendent of health.
Manchester.....	D. C. V. Moore, M. D.....	Chairman of board of health.
Meriden.....	Joseph A. Cooke, M. D.....	Health officer.
Naugatuck.....	Walter I. Baker, M. D.....	Do.
New Britain.....	H. F. Moore, M. D.....	Superintendent of health.
New Haven.....	Frank W. Wright, M. D.....	Health officer.
New London.....	E. C. Chipman, M. D.....	Do.
Norwalk.....	Wm. J. Tracey, M. D.....	Do.
Norwich.....	Edward J. Brophy, M. D.....	Do.
Orange.....	C. A. Bevan, M. D.....	Do.
Stamford.....	James J. Costanzo, M. D.....	City health officer.
Thompsonville.....	Geo. T. Finch, M. D.....	Health officer.
Wallingford.....	Wm. J. Riordan, M. D.....	Do.
Waterbury.....	C. W. S. Frost, M. D.....	Do.
Delaware:		
Wilmington.....	James J. Cahill.....	Secretary of board of health.
District of Columbia:		
Washington.....	Wm. C. Fowler, M. D.....	Health officer.
Florida:		
Jacksonville.....	Wm. W. MacDonell, M. D.....	City health officer.
Key West.....	William R. Warren, M. D. <sup>3</sup> .....	District and city health officer.
Pensacola.....	Wm. D. Nobles, M. D.....	City health officer and city physician.
Tampa.....	Sheldon Stringer, M. D.....	City health officer.
West Tampa.....	Louis Levy, M. D.....	Do.
Georgia:		
Albany.....	Melgie Ward, M. D. <sup>4</sup> .....	Commissioner of health.
Atlanta.....	J. P. Kennedy, M. D.....	City health officer.
Augusta.....	John C. Wright, M. D.....	Acting president of board of health (ex officio health officer).
Brunswick.....	C. B. Greer, M. D. <sup>4</sup> .....	Commissioner of health.
Columbus.....	M. H. Blandford, M. D.....	City physician.

<sup>1</sup> Also health officer for Denver County.<sup>2</sup> Also health officer for Monroe County and Florida Keys.<sup>3</sup> Health officer for Dougherty County.<sup>4</sup> Also health officer for Glynn County.



City.	Name of health officer.	Official title.
<b>Georgia—Continued.</b>		
Macon.....	C. L. Williams, passed assistant surgeon, U. S. P. H. S.	Health officer (acting).
Rome.....	M. M. McCord, M. D. <sup>1</sup> .....	Commissioner of health.
Savannah.....	Wm. F. Brunner, M. D.....	Health officer.
Waycross.....	Chas. A. Downey.....	Health officer and pure food inspector.
<b>Idaho:</b>		
Boise.....	L. P. Pfirman.....	Health officer.
Pocatello.....	R. J. Smith, M. D.....	City physician.
<b>Illinois:</b>		
Alton.....	Daniel F. Duggan, M. D.....	Health commissioner.
Aurora.....	Geo. B. Schwachtgen, M. D.....	Do.
Belleville.....	B. H. Portnondo, M. D.....	President board of health.
Bloomington.....	A. G. Erickson.....	Commissioner public health and safety.
Cairo.....	W. C. Clarke, M. D.....	Health officer and city physician.
Can'ton.....	L. R. Chapin, M. D.....	
Centralia.....	J. W. Armstrong, M. D.....	Health officer.
Champaign.....	W. E. Schowengerdt, M. D.....	Do.
Chicago.....	John Dill Robertson, M. D.....	Commissioner of health.
Chicago Heights.....	Ira C. Harman, M. D.....	Do.
Cicero.....	Brett L. Vilna, M. D.....	Health commissioner.
Danville.....	George T. Cass, M. D.....	Do.
Decatur.....	John F. Mattes.....	Commissioner of public health and safety.
East St. Louis.....	R. X. McCracken, M. D.....	Health commissioner.
Elgin.....	A. J. Volstorff.....	Health officer.
Evanston.....	Clarence T. Roome, M. D.....	Commissioner of health.
Freeport.....	Alden Everett Smith, M. D.....	Health officer.
Galesburg.....	Fred G. Hall, M. D.....	Health commissioner.
Granite City.....	R. D. Luster, M. D.....	City physician.
Jacksonville.....	Allen M. King, M. D.....	City health physician.
Joliet.....	D. J. Higgins, M. D.....	Commissioner of health.
Kankakee.....	Chas. K. Smith, M. D.....	Health officer.
Kewanee.....	J. L. Tortiell.....	Sanitary inspector.
La Salle.....	Carl F. Raver, M. D. <sup>2</sup> .....	Health commissioner.
Lincoln.....	B. P. Alpers.....	Health officer.
Mattoon.....	F. E. Bell, M. D.....	Do.
Maywood.....	Harold H. Roberts, M. D.....	Do.
Moline.....	Levin Linblade.....	
Monmouth.....	R. C. McMillan, M. D.....	Health officer.
Oak Park.....	Frank S. Needham, M. D.....	Commissioner of health and local registrar.
Oglesby.....	Carl F. Raver, M. D. <sup>2</sup> .....	Health commissioner.
Pekin.....	Lawrence R. Clary, M. D.....	City health officer.
Peoria.....	Geo. Parker, M. D.....	Commissioner of health.
Peru.....	Carl F. Raver, M. D. <sup>2</sup> .....	Health commissioner.
Quincy.....	C. L. Martin.....	Commissioner.
Rock Island.....	C. G. Foster, M. D.....	Health commissioner.
Rockford.....	W. H. Cunningham, M. D.....	Commissioner of health.
Springfield.....	Roy R. Reece.....	Commissioner of public health and safety.
Streator.....	L. D. Howe, M. D.....	President board of health.
Waukegan.....	John C. Foley, M. D.....	Health officer.

<sup>1</sup> Also health officer for Floyd County.<sup>2</sup> Health officer for La Salle, Oglesby, and Peru.

City.	Name of health officer.	Official title.
<b>Indiana:</b>		
Anderson.....	J. A. Long, M. D.....	Secretary city health board.
Bedford.....	Harvey Voyles.....	Secretary of city board.
Bloomington.....	Otto F. Rogers, M. D. <sup>1</sup> .....	Secretary.
Brazil.....	H. M. Pell, M. D.....	Secretary city board of health.
Crawfordsville.....	Fred A. Dennis, M. D.....	Do.
East Chicago.....	J. A. Teegarden, M. D.....	Secretary board of health.
Elkhart.....	L. A. Elliott, M. D. <sup>2</sup> .....	Do.
Elwood.....	Chas. G. Dick, M. D.....	Secretary city board of health.
Evansville.....	Porter H. Linthicum, M. D.....	Secretary.
Fort Wayne.....	Eric A. Crull, M. D.....	Health Commissioner.
Gary.....	C. M. Reyher, M. D.....	Secretary board of health.
Hammond.....	Wm. A. Buchanan, M. D.....	Do.
Huntington.....	R. F. Frost, M. D.....	Secretary city board of health.
Indianapolis.....	Herman G. Morgan, M. D.....	City sanitarian.
Jeffersonville.....	John H. Baldwin, M. D.....	Health officer.
Kokomo.....	T. C. Cochran, M. D.....	Secretary city board of health.
La Fayette.....	J. D. Hills, M. D.....	Do.
Laporte.....	Victor F. Long, M. D.....	Secretary board of health.
Logansport.....	J. H. Hare, M. D.....	City health officer.
Marion.....	Geo. R. Daniels, M. D.....	City health commissioner.
Michigan City.....	Emil O. Krueger, M. D.....	Secretary board of health.
Mishawaka.....	H. E. Strubbe.....	Health officer.
Muncie.....	Noah D. Berry, M. D.....	Secretary board of health (city health officer).
New Albany.....	Chester C. Funk, M. D.....	Secretary city board of health.
New Castle.....	W. I. Fugate, M. D.....	Do.
Peru.....	Laughlin O. Malsbury, M. D.....	Secretary board of health.
Richmond.....	Geo. B. Hunt, M. D.....	City health officer.
Shelbyville.....	Frank E. Ray, M. D.....	Secretary city board of health.
South Bend.....	E. G. Freyermuth, M. D.....	Secretary board of health.
Terre Haute.....	Maurice B. Van Cleave, M. D.....	Do.
Vincennes.....	Norman E. Beckes, M. D.....	Do.
<b>Iowa:</b>		
Burlington.....	J. W. Dixon, M. D.....	City physician and health officer.
Boone.....	M. A. Healy, M. D.....	
Cedar Rapids.....	A. Thusty.....	Health officer.
Clinton.....	H. R. Sugg, M. D.....	Do.
Council Bluffs.....	Chas. H. Bower, M. D.....	Do.
Davenport.....	Thos. P. Kennedy.....	Do.
Des Moines.....	Wm. C. Witte, assistant surgeon, U. S. P. H. S.	City health officer (acting).
Dubuque.....	E. L. Reinecke, M. D.....	
Fort Dodge.....	J. D. Lowry, M. D.....	Physician to board of health.
Iowa City.....	Wm. M. Rohrbacher, M. D.....	Health officer.
Keokuk.....	C. H. Fegers, M. D.....	Physician to board of health.
Marshalltown.....	Alpheus B. Conaway, M. D.....	Health officer.
Mason City.....	A. L. Wheeler, M. D.....	Superintendent department health and sanitation.
Muscatine.....	A. J. Weaver, M. D.....	City health physician.
Ottumwa.....	W. B. Stoker, M. D.....	City physician.
Sioux City.....	B. Courshon, M. D.....	Do.
Waterloo.....	D. C. Huntton, M. D.....	Health officer.

<sup>1</sup> Health officer for Monroe County.<sup>2</sup> Dr. Elliott now being in service in France, Dr. S. B. Short is deputy.

City.	Name of health officer.	Official title.
<b>Kansas:</b>		
Atchison.....	W. D. Webb, M. D. <sup>1</sup> .....	County health officer.
Chanute.....	O. C. Baird, M. D.....	City physician (secretary board of health).
Coffeyville.....	W. H. Wells, M. D.....	City physician and health officer.
Fort Scott.....	C. F. Harrar, M. D.....	City health officer.
Hutchinson.....	H. M. Stewart, M. D.....	City physician and health officer.
Independence.....	E. C. Wickersham, M. D. <sup>2</sup> .....	County health officer.
Iola.....	J. S. Sutcliffe, M. D.....	Do.
Kansas City.....	C. W. McLaughlin, M. D.....	Commissioner of health and sanitation.
Lawrence.....	A. W. Clark, M. D.....	City health officer.
Leavenworth.....	T. B. H. Anderson, assistant surgeon, U. S. P. H. S.	Do.
Parsons.....	Geo. W. Gabriel, M. D.....	President board of health and city physician.
Pittsburg.....	A. J. Dodds, M. D.....	City physician.
Topeka.....	Herbert L. Clark, M. D.....	City health officer.
Wichita.....	T. J. Carter, M. D.....	City physician.
<b>Kentucky:</b>		
Covington.....	J. M. O'Maley, M. D.....	City health officer.
Frankfort.....	R. M. Coblin, M. D.....	Health officer.
Henderson.....	C. L. Nollau, M. D.....	Do.
Hopkinsville.....	J. W. Harned, M. D.....	Do.
Lexington.....	John D. Maguire, M. D.....	City health officer.
Louisville.....	J. H. Baker, M. D.....	Do.
Newport.....	John Todd, M. D.....	Do.
Owensboro.....	A. McKenney, M. D.....	Do.
Paducah.....	H. P. Linn, M. D.....	Do.
<b>Louisiana:</b>		
Alexandria.....	J. A. White, M. D.....	President city board of health.
Baton Rouge.....	Philip H. Jones, M. D.....	Medical doctor.
Lake Charles.....	G. C. McKinney, M. D. <sup>3</sup> .....	President board of health.
Monroe.....	F. C. Bennett, M. D.....	Do.
New Orleans.....	W. H. Robin, M. D.....	Superintendent of public health.
Shreveport.....	G. C. Chandler, M. D.....	President board of health and health officer.
<b>Maine:</b>		
Auburn.....	D. A. Barrell, M. D.....	Secretary board of health.
Augusta.....	George A. Coombs, M. D.....	Health officer.
Bangor.....	John Goldthwait.....	Secretary board of health.
Lewiston.....	S. B. Epstein.....	Secretary.
Portland.....	Thomas Fetreau, M. D.....	Health officer.
Sandford.....	C. U. Blagden, M. D.....	Do.
<b>Maryland:</b>		
Baltimore.....	John D. Blake, M. D.....	Commissioner of health.
Cumberland.....	Max J. Colton.....	Health officer.
Frederick.....	Ira J. McCurdy, M. D.....	City health officer.
Hagerstown.....	C. R. Scheller, M. D. <sup>4</sup> .....	Health officer.
<b>Massachusetts:</b>		
Adams.....	J. F. Crowley, M. D.....	Secretary and chairman, board of health.
Amesbury.....	Herbert G. Leslie, M. D.....	Secretary.
Arlington.....	William H. Bradley.....	Agent and clerk.

<sup>1</sup> Also health officer for Atchison County.<sup>2</sup> Health officer for all cities in Montgomery County except Caney, Cherryvale, and Coffeyville.<sup>3</sup> Also president board of health for Calcasieu Parish.<sup>4</sup> Also health officer for Washington County.

City.	Name of health officer.	Official title.
<b>Massachusetts - Continued.</b>		
Attleboro.....	Ralph P. Kent, M. D.....	Health officer.
Beverly.....	Alonzo O. Woodbury.....	Clerk and agent.
Boston.....	Wm. C. Woodward.....	Health commissioner.
Brockton.....	Fred C. Creeden.....	Executive officer of board of health.
Brookline.....	Francis P. Denny, M. D.....	Health officer.
Cambridge.....	Bradford H. Peirce, M. D.....	Medical inspector.
Chelsea.....	William J. Randall.....	Health officer.
Chicopee.....	Charles J. O'Brien.....	Agent.
Clinton.....	Edward De Courcy.....	Agent board of health.
Dedham.....	Edward W. Finn, M. D.....	Chairman board of health.
Easthampton.....	Clemence C. Buckner.....	Agent board of health.
Everett.....	William Gess.....	Do.
Fall River.....	Samuel B. Morriss.....	Do.
Fitchburg.....	Fred R. Brigham.....	Do.
Framingham.....	Fred S. Dodson.....	Executive officer.
Gardner.....	W. P. O'Donnell.....	Health officer.
Gloucester.....	Philip P. Moore, M. D.....	Chairman board of health.
Greenfield.....	George P. Moore.....	Agent board of health.
Haverhill.....	George T. Lennon.....	Agent and clerk.
Holyoke.....	John S. Wright.....	Health officer.
Lawrence.....	Daniel J. Murphy.....	Chairman board of health; superintendent of sanitation.
Leominster.....	Michael J. Butler.....	Agent and plumbing inspector.
Lowell.....	Frederick A. Bates.....	Agent.
Lynn.....	Michael R. Donovan, M. D.....	Commissioner of health.
Malden.....	Charles E. Prior, M. D.....	Chairman board of health.
Marlboro.....	John J. Cassidy.....	Agent board of health.
Medford.....	Paul J. D. Haley, M. D.....	Medical inspector.
Melrose.....	Clarence P. Holden, M. D.....	Chairman board of health.
Methuen.....	H. S. Pedler.....	Clerk board of health.
Milford.....	F. H. Lally, M. D.....	Secretary local health board.
Natick.....	W. J. Cochran, M. D.....	Chairman.
New Bedford.....	Wm. G. Kirschbaum.....	Agent and executive officer.
Newburyport.....	William Thurston.....	Health officer and agent.
Newton.....	Francis George Curtis, M. D.....	Chairman.
North Adams.....	D. W. Hyde.....	Agent board of health.
North Attleboro.....	Amzi B. Shoemaker, M. D.....	Health officer.
Northampton.....	Geo. R. Turner.....	Agent board of health.
Peabody.....	James J. Ray.....	Agent.
Pittsfield.....	Maurice S. Eisner, M. D.....	Medical agent board of health.
Plymouth.....	George H. Jackson, M. D.....	Chairman and physician to board of health.
Quincy.....	E. J. Lennon.....	Sanitary inspector.
Revere.....	Jos. E. Lamb, M. D.....	Health officer.
Salem.....	John J. McGrath.....	Agent board of health.
Somerville.....	C. Clarke Towle, M. D.....	Acting medical inspector.
Southbridge.....	Albert R. Brown.....	Agent board of health.
Springfield.....	William L. Young.....	Do.
Taunton.....	Thomas J. Robinson, M. D.....	Chairman board of health.
Wakefield.....	David Taggart.....	Health officer.
Waltham.....	Charles B. Fuller, M. D.....	Director public welfare and agent board of health.
Watertown.....	John. W. Tapper.....	Agent and health officer.
Webster.....	Leon J. Kreft.....	Secretary board of health.
West Springfield.....	Julius W. Morrill.....	Agent board of health.
Westfield.....	Henry F. Moody.....	Agent and milk inspector.

City.	Name of health officer.	Official title.
<b>Massachusetts—Continued.</b>		
Weymouth.....	F. L. Doucett, M. D.....	Health officer.
Winchester.....	Clarence J. Allen, M. D.....	Do.
Winthrop.....	Smith A. Moury.....	Agent and health officer.
Woburn.....	Edward F. Gorman.....	Agent and secretary board of health and charities.
Worcester.....	James C. Coffey.....	Executive officer.
<b>Michigan:</b>		
Adrian.....	W. S. Mackenzie, M. D.....	Health officer.
Alpena.....	Wm. A. Secrist, M. D.....	Do.
Ann Arbor.....	John A. Wessinger, M. D.....	Do.
Battle Creek.....	Eugene Miller, M. D.....	Do.
Bay City.....	John A. Kehoe, M. D.....	Do.
Benton Harbor.....	E. R. Taylor, M. D.....	Do.
Detroit.....	James W. Inches, M. D.....	Commissioner of health.
Escanaba.....	A. J. Carlson, M. D.....	Health officer.
Flint.....	Wm. De Kleine, M. D.....	Do.
Grand Rapids.....	C. C. Slemmons, M. D.....	Do.
Hancock.....	M. D. Roberts, M. D.....	Do.
Highland Park.....	Wm. N. Braley, M. D.....	Do.
Holland.....	Byron B. Godfrey, M. D.....	City health officer.
Ironwood.....	J. J. Gerkins, M. D.....	Health officer and sanitary engineer.
Ishpeming.....	George G. Barnett, M. D.....	Health officer.
Jackson.....	Harry B. Neagle.....	Health officer and director.
Kalamazoo.....	A. H. Rockwell, M. D.....	Health officer.
Lansing.....	Herbert L. Wright, M. D.....	Director of health.
Ludington.....	H. E. Hoffman, M. D.....	Health officer.
Manistee.....	Ellsworth S. Ellis, M. D.....	Do.
Marquette.....	Charles P. Drury.....	Do.
Menominee.....	Robt. G. Marriner, M. D.....	Do.
Muskegon.....	R. J. Harrington, M. D.....	City health officer.
Owosso.....	Walter E. Ward, M. D.....	Health officer.
Pontiac.....	Charles A. Neale, M. D.....	Do.
Port Huron.....	William J. Duff, M. D.....	City health officer.
Saginaw.....	W. J. O'Reilly, M. D.....	Health officer.
Sault Ste. Marie.....	J. J. Griffin, M. D.....	City health officer.
Traverse City.....	G. A. Holliday, M. D.....	City health officer and milk and meat inspector.
<b>Minnesota:</b>		
Duluth.....	Edward W. Fahey, M. D.....	Director public health.
Hibbing.....	George N. Butchart, M. D.....	Health officer.
Mankato.....	Austin V. Denman, M. D.....	Health commissioner.
Minneapolis.....	H. M. Guilford, M. D.....	Commissioner of health.
Red Wing.....	W. M. Sweeney, M. D.....	Health officer.
St. Cloud.....	J. P. McDowell, M. D.....	City physician.
St. Paul.....	B. F. Simon, M. D.....	Chief health officer.
Stillwater.....	Jas. H. Haines, M. D.....	Health commissioner.
Virginia.....	Charles W. Miller, M. D.....	Health officer.
Winona.....	Donald B. Pritchard, M. D.....	Do.
<b>Mississippi:</b>		
Columbus.....	J. D. McCullough, M. D.....	
Greenville.....	J. B. Hirsch, M. D.....	City health officer.
Hattiesburg.....	H. T. Mounger, M. D. <sup>1</sup> .....	Health officer.
Jackson.....	H. F. Magee, M. D.....	City health officer.
Laurel.....	C. R. Garraway, M. D. <sup>2</sup> .....	Health officer.
Meridian.....	N. L. Clarke, M. D.....	City health officer.
Natchez.....	R. D. Sessions, M. D.....	Health officer.

<sup>1</sup> Also health officer for Forrest County.<sup>2</sup> Also health officer for Jones County.

City.	Name of health officer.	Official title.
<b>Missouri:</b>		
Cape Girardeau.....	Chas. F. Stone.....	Health officer.
Columbia.....	W. A. Norris, M. D. <sup>1</sup> .....	Member and secretary board of health.
Hannibal.....	A. B. Blue, M. D.....	City physician and president board of health.
Independence.....	F. L. Cook, M. D.....	City physician.
Jefferson City.....	E. E. Mansur, M. D.....	Do.
Joplin.....	R. B. Tyler, M. D.....	Commissioner of health and sanitation.
Kansas City.....	E. H. Bullock, M. D.....	General superintendent and health director.
Moberly.....	F. L. McCormick, M. D.....	Health commissioner.
St. Joseph.....	Hasbrouck De Lamater, M. D..	Health officer.
St. Louis.....	Max C. Starkloff, M. D.....	Health commissioner.
Sedalia.....	John Kaiser.....	Health officer.
Springfield.....	Edwin F. James, M. D.....	Commissioner of health and sanitation.
Webb City.....	C. H. Craig, M. D.....	City physician.
<b>Montana:</b>		
Anaconda.....	J. M. Sligh, M. D.....	City health officer.
Billings.....	Louis W. Allard, M. D. <sup>2</sup> .....	Health officer.
Butte.....	W. Colfax Matthews, M. D.....	Health officer and city physician.
Great Falls.....	R. E. McCarten, M. D.....	
Missoula.....	John Paul Ritchey, M. D.....	City health officer.
<b>Nebraska:</b>		
Beatrice.....	G. L. Roe, M. D.....	Health officer.
Grand Island.....	Leo Phelan, M. D.....	City physician and health officer.
Hastings.....	James V. Peghtol, M. D.....	City physician.
Lincoln.....	Chauncey F. Chapman, M. D..	Superintendent of health.
Omaha.....	Ernest T. Manning, M. D.....	Health commissioner.
<b>Nevada:</b>		
Reno.....	W. L. Samuels, M. D.....	Secretary city board of health.
<b>New Hampshire:</b>		
Berlin.....	Homer H. Marks, M. D.....	Acting health officer.
Concord.....	Charles E. Palmer.....	Sanitary officer.
Dover.....	Herbert K. Reynolds.....	Executive officer.
Keene.....	John J. Brosnahan, M. D.....	Member board of health.
Laconia.....	W. H. True, M. D.....	Secretary.
Laconia.....	W. H. True, M. D.....	Secretary.
Manchester.....	Carl O. Seaman.....	Health officer.
Nashua.....	Thomas F. Cullen.....	Health officer and milk inspector.
Portsmouth.....	Charles F. Hurley.....	Health inspector.
<b>New Jersey:</b>		
Asbury Park.....	B. H. Obert.....	Health officer and registrar of vital statistics.
Atlantic City.....	Talbot Reed, M. D.....	Health officer.
Bayonne.....	William W. Brooke, M. D.....	Do.
Belleville.....	W. Brand Smith.....	Do.
Bloomfield.....	Joseph C. Saile, M. D.....	Do.
Bridgeton.....	Charles E. Bellows.....	Sanitary inspector.
Camden.....	John Fremont Leavitt, M. D..	Health officer.
East Orange.....	T. Dudley Ballinger.....	Do.
Elizabeth.....	Louis J. Richards.....	Do.
Englewood.....	John A. Manson.....	Sanitary inspector and registrar of vital statistics.
Garfield.....	Charles B. Bleasley, M. D.....	Health officer.
Gloucester City.....	John K. Bennett, M. D.....	Health inspector.

<sup>1</sup> Also county physician for Boone County.<sup>2</sup> Also health officer for Yellowstone County.



City.	Name of health officer.	Official title.
<b>New Jersey—Continued.</b>		
Hackensack.....	George W. Finke, M. D.....	Health officer.
Harrison.....	John T. McClure, M. D.....	Do.
Hoboken.....	J. F. X. Stack, M. D.....	Health commissioner.
Jersey City.....	Joseph J. Craven, M. D.....	Assistant superintendent of health;
		medical health officer.
	James J. Hagan.....	Sanitary health officer.
Kearny.....	H. V. Amerman.....	Health inspector.
Long Branch.....	R. C. Erickson.....	Health officer.
Montclair.....	Chester H. Wells.....	Do.
Morristown.....	John J. Belbey.....	Sanitary inspector.
New Brunswick.....	E. I. Cronk, M. D.....	Health officer.
Newark.....	Charles V. Craster, M. D.,	Do.
	D. P. H.	
Orange.....	John O'Brien.....	Health officer and registrar of vital
		statistics.
Passaic.....	John N. Ryan, M. D.....	Health officer.
Paterson.....	Orville R. Hagon, M. D.....	Do.
Perth Amboy.....	W. J. Willsey.....	Do.
Phillipsburg.....	Alma L. Williston, M. D.....	Town physician and health inspector.
Plainfield.....	N. J. Randolph Chandler.....	Health officer.
Rahway.....	Fred M. Williams.....	Sanitary inspector.
Trenton.....	Alton S. Fell, M. D.....	Health officer.
Union.....	H. P. Dengler.....	Do.
West Hoboken.....	Frank A. Frederick.....	Health officer and registrar of vital
		statistics.
West New York.....	Rudolph Kunze.....	Chief health inspector.
West Orange.....	Alton L. Sherman, M. D.....	Health officer.
<b>New Mexico:</b>		
Albuquerque.....	George H. Peck.....	Do.
<b>New York:</b>		
Albany.....	Arthur Sautter, M. D.....	Do.
Amsterdam.....	Horace M. Hicks, M. D.....	Do.
Auburn.....	Thomas C. Sawyer, M. D.....	Do.
Batavia.....	Victor M. Rice, M. D.....	Do.
Beacon.....	Charles B. Dugan, M. D.....	Do.
Binghamton.....	Chalmer J. Longstreet, M. D.....	Do.
Buffalo.....	Francis E. Fronczak, M. D.....	Do.
Cohoes.....	John Archibald, M. D.....	Do.
Corning.....	Frank S. Swain, M. D.....	Health officer and registrar.
Cortland.....	A. C. Knapp, M. D.....	Health officer.
Dunkirk.....	G. E. Ellis, M. D.....	Do.
Elmira.....	Reeve B. Howland, M. D.....	Do.
Fulton.....	C. L. Fessenden, M. D.....	City physician and health officer.
Geneva.....	Charles D. McCarthy, M. D.....	Health officer.
Glens Falls.....	Virgil D. Selleck, M. D.....	Do.
Gloversville.....	A. L. Johnson, M. D.....	Do.
Hornell.....	John A. Conway, M. D.....	Do.
Hudson.....	William D. Collins, M. D.....	Do.
Ithaca.....	H. H. Crum, M. D.....	Do.
Jamestown.....	John J. Mahoney, M. D.....	Superintendent of public health.
Johnstown.....	Austin Hogan, M. D.....	City physician and health officer.
Kingston.....	Frank A. Johnston, M. D.....	Health officer.
Lackawanna.....	John J. Drake, M. D.....	Do.
Little Falls.....	Augustus B. Santry, M. D.....	Do.
Lockport.....	F. A. Watters, M. D.....	City physician and health officer.
Middletown.....	J. L. Hanmer, M. D.....	Health officer.

City.	Name of health officer.	Official title.
<b>New York—Continued.</b>		
Mount Vernon.....	John Harold Tallman, M. D....	Health officer and registrar of vital statistics.
New Rochelle.....	Edwin H. Coddington, M. D.....	Health officer.
New York City.....	Royal S. Copeland, M. D.....	Commissioner of health.
Newburgh.....	Thomas J. Burke, M. D.....	Health officer.
Niagara Falls.....	Walter A. Scott, M. D.....	Health officer and registrar of vital statistics.
North Tonawanda.....	Thomas P. C. Barnard, M. D....	Health officer.
Ogdensburg.....	John W. Benton, M. D.....	Do.
Olean.....	A. E. Smith, M. D.....	Acting city health officer.
Ossining.....	Robt. T. Irvine, M. D.....	Health officer.
Oswego.....	James E. Mansfield.....	Do.
Peekskill.....	E. D. M. Lyon, M. D.....	Do.
Plattsburg.....	Joseph Henry La Rocque, M. D.	Do.
Port Chester.....	W. J. Sheehan, M. D.....	Do.
Poughkeepsie.....	Helen L. Palliser, M. D.....	Do.
Rensselaer.....	Richard B. Gray, M. D.....	Do.
Rochester.....	Joseph Roby, M. D.....	Acting health officer.
Rome.....	Charles R. Mahady, M. D.....	Health officer.
Saratoga Springs.....	A. Sherman Downs, M. D.....	Do.
Schenectady.....	Walter M. Clark, M. D.....	Do.
Syracuse.....	David M. Totman, M. D.....	Do.
Troy.....	C. E. Nichols, M. D.....	Do.
Utica.....	Chas. N. Hichman, M. D.....	Do.
Watertown.....	A. H. Allen.....	City health officer.
Watervliet.....	G. S. Haswell, M. D.....	Health officer.
White Plains.....	Edward W. Weber, M. D.....	Do.
Yonkers.....	Clarence W. Buckmaster, M. D.	Do.
<b>North Carolina:</b>		
Asheville.....	C. V. Reynolds, M. D.....	Do.
Charlotte.....	C. C. Hudson, M. D.....	Do.
Durham.....	A. Cheatham, M. D.....	Superintendent of health.
Greensboro.....	J. T. Rieves, M. D.....	Do.
Guilford.....	William M. Jones, M. D.....	County health officer.
Raleigh.....	W. T. Davis.....	Health officer and local registrar.
Rocky Mount.....	H. Lee Large, M. D.....	Superintendent of health.
Wilmington.....	Chas. E. Low, M. D. <sup>1</sup> .....	Health officer.
Winston-Salem.....	R. L. Carlton.....	City health officer.
<b>North Dakota:</b>		
Fargo.....	Paul Sorkness, M. D.....	Health officer.
Grand Forks.....	Henry O'Kee's, M. D.....	Do.
<b>Ohio:</b>		
Akron.....	Charles T. Nesbitt, M. D.....	Do.
Alliance.....	P. C. Ramsey, M. D.....	City health officer.
Ashtabula.....	A. W. Hopkins, M. D.....	Health officer.
Barberton.....	W. A. Mansfield, M. D.....	Do.
Bellaire.....	D. W. Boone, M. D.....	Do.
Cambridge.....	O. F. Lowry, M. D.....	Do.
Canton.....	F. M. Sayre, M. D.....	Do.
Chillicothe.....	D. E. Robinson, surgeon, U. S. P. H. S.	Do.
Cincinnati.....	John H. Landis, M. D.....	Do.
Cleveland.....	R. H. Bishop, jr., M. D.....	Commissioner of health.
Columbus.....	Louis Kahn, M. D.....	Health officer.
Coshocton.....	Forbes Carroll.....	Do.

<sup>1</sup> Also health officer for New Hanover County.

City.	Name of health officer.	Official title.
<b>Ohio—Continued.</b>		
Dayton.....	A. O. Peters, M. D.....	Commissioner of health.
East Cleveland.....	A. C. Taylor, M. D.....	Health officer.
East Liverpool.....	J. W. Chetwynd, M. D.....	Do.
Elyria.....	G. E. French, M. D.....	Do.
Findlay.....	Amos Beardsley.....	Do.
Fostoria.....	W. N. Caldwell.....	Do.
Fremont.....	E. L. Vermilya, M. D.....	Do.
Hamilton.....	A. L. Smedley, M. D.....	Do.
Ironton.....	E. E. Wells, M. D.....	
Lakewood.....	W. J. Benner, M. D.....	Inspector of health.
Lancaster.....	Henson M. Hazelton, M. D.....	Health officer.
Lima.....	A. L. Jones, M. D. <sup>1</sup> .....	Do.
Do.....	E. G. Burton, M. D.....	Acting health officer.
Lorain.....	Valloyd Adair, M. D.....	Health officer.
Mansfield.....	Guy Goodman, M. D.....	Do.
Massillon.....	T. Clarke Milton, M. D.....	Do.
Middletown.....	G. D. Lummis, M. D.....	Do.
Mount Vernon.....	H. W. Blair, M. D.....	Do.
Newark.....	W. H. Knauss, M. D.....	Do.
Norwood.....	Frank Perry, M. D.....	Do.
Piqua.....	J. H. Lowe, M. D.....	Do.
Portsmouth.....	W. W. Smith, M. D.....	Do.
Sandusky.....	H. C. Schoepfle, M. D.....	Director of public health.
Springfield.....	E. B. Starr, M. D.....	Do.
Steubenville.....	Theo. W. Smith.....	City health officer.
Tiffin.....	John A. Gosling, M. D.....	Health officer.
Toledo.....	Chester W. Waggoner, M. D.....	Commissioner of health.
Warren.....	Geo. U. Simpson, M. D.....	Health officer.
Youngstown.....	H. E. Welch, M. D.....	Do.
Zanesville.....	G. W. McCormick, M. D.....	Superintendent of health.
<b>Oklahoma:</b>		
Chickasha.....	E. L. Dawson, M. D.....	City superintendent of health.
Enid.....	M. A. Kelso, M. D.....	Health officer.
Guthrie.....	E. O. Barker, M. D.....	City physician.
McAlester.....	W. C. Graves, M. D.....	Superintendent of health.
Muskogee.....	Sessler Hoss, M. D.....	City superintendent of health.
Oklahoma City.....	S. M. Hunter, M. D.....	Health commissioner.
Sapulpa.....	C. L. McCallum, M. D.....	City superintendent of health.
Shawnee.....	J. H. Scott, M. D.....	City health officer.
Tulsa.....	Jas. B. Gilbert, M. D.....	City superintendent of health.
<b>Oregon:</b>		
Astoria.....	Nellie Smith Vernon, M. D. <sup>2</sup> .....	City physician and health officer.
Eugene.....	Waldo L. Cheshire, M. D.....	City health officer.
Melford.....	E. B. Pickel, M. D.....	Do.
Portland.....	George Parrish, M. D.....	Do.
Salem.....	O. B. Miles, M. D.....	City physician and health officer.
<b>Pennsylvania:</b>		
Allentown.....	J. Treichler Butz, M. D. <sup>3</sup> .....	Health officer.
Altoona.....	I. B. Crilly.....	Health officer and bacteriologist.
Beaver Falls.....	Chas. Medley.....	Health officer.
Bethlehem—		
North Side.....	Edgar E. Howser.....	Do.
South Side.....	Richard W. Scott.....	Do.
Brad dock.....	Jas. E. Wills.....	Do.

<sup>1</sup> On leave of absence in military service.<sup>2</sup> Also health officer of Clatsop County.<sup>3</sup> Also medical inspector of Lehigh County.

City.	Name of health officer.	Official title.
<b>Pennsylvania—Continued.</b>		
Bradford.....	William Roedell.....	Health officer.
Bristol.....	Anthony R. Tice.....	Do.
Butler.....	H. M. Stanley.....	Do.
Carbondale.....	Daniel Jones.....	Sanitary officer.
Carlisle.....	A. P. Seizman.....	Health officer.
Carnegie.....	A. A. Tarter.....	Do.
Chambersburg.....	Robert W. Walker.....	Secretary and health officer.
Charleroi.....	W. M. Darby.....	Health officer.
Chester.....	John C. MacDowell.....	
Coatesville.....	Granville R. Boyd.....	Health officer and assistant secretary board of health.
Columbia.....	Henry B. Clepper.....	Health officer and secretary board of health.
Connellsville.....	George Hetzel.....	Health officer.
Dickson City.....	Joe Kelly.....	Secretary board of health.
Du Bois.....	James E. Ginter, M. D.....	Health officer and city physician.
Dunmore.....	P. J. Crane.....	Health officer.
Duquesne.....	John Butler.....	Do.
Easton.....	J. James Condran, M. D.....	Do.
Edwardsville.....	James Williams.....	Chief of police.
Erie.....	J. W. Wright, M. D. <sup>1</sup> .....	Health officer.
Franklin.....	Charles H. Brown, M. D.....	Do.
Greensburg.....	T. Ray Hunter.....	Do.
Harrisburg.....	J. M. J. Raunick, M. D.....	Health officer and director.
Hazleton.....	P. J. Bonner.....	Health officer.
Homestead.....	W. E. Lawson, M. D.....	President board of health.
Johnstown.....	L. W. Jones, M. D.....	Health officer.
Lancaster.....	James H. Deen.....	Do.
Lansford.....	S. F. Druckenmiller, M. D.....	Do.
Latrobe.....	W. T. Osborne.....	Secretary board of health.
Lebanon.....	E. H. Gingrich, M. D.....	Health officer.
Lewistown.....	George Joseph.....	Do.
McKeesport.....	Fred W. Hooper.....	Do.
McKees Rocks.....	B. V. Anderson.....	Do.
Mahanoy City.....	Frank F. Reed.....	Do.
Meadville.....	H. M. Remington.....	Health officer and sanitary inspector.
Monessen.....	B. H. Clendenan.....	Health officer.
Mount Carmel.....	Fred Gross.....	Do.
Nanticoke.....	Phillip Edmunds.....	Do.
New Castle.....	William L. Steen, M. D.....	Do.
Norristown.....	Chas. E. White.....	Health officer and secretary board of health.
North Braddock.....	Robert M. Sylves.....	Health officer.
Oil City.....	E. M. Voorhies.....	Do.
Old Forge.....	W. J. G. Salmon, M. D.....	Secretary board of health.
Philadelphia.....	A. A. Cairns, M. D.....	Chief, bureau of health.
Phoenixville.....	Chas. F. Fisher.....	Health officer.
Pittsburgh.....	William H. Davis.....	Director department of public health.
Pittston.....	Thomas T. Tracy.....	Health officer.
Plymouth.....	H. G. Templeton, M. D.....	Secretary and health officer.
Pottstown.....	Clymer Missimer.....	Health officer.
Pottsville.....	O. L. Kleckner.....	Do.
Reading.....	Charles Roland, M. D.....	Do.
Scranton.....	S. P. Longstreet, M. D.....	Director, department of public health.

<sup>1</sup> Also medical inspector for Erie County.

City.	Name of health officer.	Official title.
<b>Pennsylvania—Continued.</b>		
Shamokin.....	A. Campbell.....	Health officer.
Sharon.....	W. C. Applegate.....	Do.
Shenandoah.....	Cyrus Geise.....	Do.
Steelton.....	E. G. Butler.....	Do.
Sunbury.....	Victor A. Koble.....	Do.
Taylor.....	E. E. Edwards, M. D.....	Do.
Uniontown.....	Thos. R. Bell.....	Do.
Warren.....	R. N. Brown.....	Do.
Washington.....	W. B. Winter.....	Do.
West Chester.....	George S. Taylor.....	Do.
Wilkes-Barre.....	G. A. Clark, M. D.....	City physician.
Wilkinsburg.....	J. M. Snyder.....	Health officer.
Williamsport.....	C. E. Shaw, M. D.....	Do.
York.....	J. Frank Small, M. D.....	Director of public health.
<b>Rhode Island:</b>		
Central Falls.....	Adolph R. V. Fenwick, M. D.....	Superintendent of health.
Cranston.....	Daniel S. Latham, M. D.....	Superintendent of health and city physician.
Cumberland.....	A. Barnes, M. D.....	
East Providence.....	George Freeman Allison, M. D.....	Health officer.
Lincoln.....	H. A. Manchester, M. D.....	Do.
Newport.....	J. W. Sampson.....	Executive officer board of health.
Pawtucket.....	Frank B. Fuller, M. D.....	Temporary assistant superintendent of health.
Providence.....	Charles V. Chapin, M. D.....	Superintendent of health.
Warwick.....	R. F. Lockwood, M. D.....	Health officer.
Woonsocket.....	T. J. McLaughlin.....	Do.
<b>South Carolina:</b>		
Anderson.....	E. R. Van De Grift, D. V. M.....	Commissioner of health.
Charleston.....	J. Merceir Green, M. D.....	Health officer.
Columbia.....	R. T. Jennings, M. D.....	Do.
Greenville.....	Clarence F. Smith, M. D.....	Commissioner of health.
Spartanburg.....	Hugh David Ward, assistant surgeon, U. S. P. H. S.	Director board of health.
<b>South Dakota:</b>		
Aberdeen.....	Louis Holtz, M. D.....	City health officer.
Sioux Falls.....	D. W. Craig, M. D.....	City health physician.
<b>Tennessee:</b>		
Chattanooga.....	H. D. Huffaker.....	Commissioner department of health.
Jackson.....	Hermon Hawkins, M. D.....	City physician.
Johnson City.....	H. D. Miller, M. D.....	City health officer.
Knoxville.....	Wm. R. Cochrane, M. D.....	Director department of health.
Memphis.....	James L. Andrews, M. D.....	Superintendent health department.
Nashville.....	W. E. Hibbert, M. D.....	City health officer and registrar.
<b>Texas:</b>		
Amarillo.....	G. T. Vineyard, M. D.....	City health officer.
Abilene.....	Geo. H. Sandefer, M. D. <sup>1</sup> .....	Health officer.
Austin.....	S. A. Woolsey, M. D.....	City health officer.
Beaumont.....	Edw. C. Ferguson, M. D.....	Do.
Cleburne.....	M. Dennis, M. D.....	Do.
Corsicana.....	S. H. Burnett, M. D.....	Do.
Dallas.....	A. W. Carnes, M. D.....	Health officer.
Denison.....	A. V. Rutledge, M. D.....	City health officer.
El Paso.....	Hugh S. White, M. D.....	Do.
Fort Worth.....	Webb Walker, M. D.....	Do.

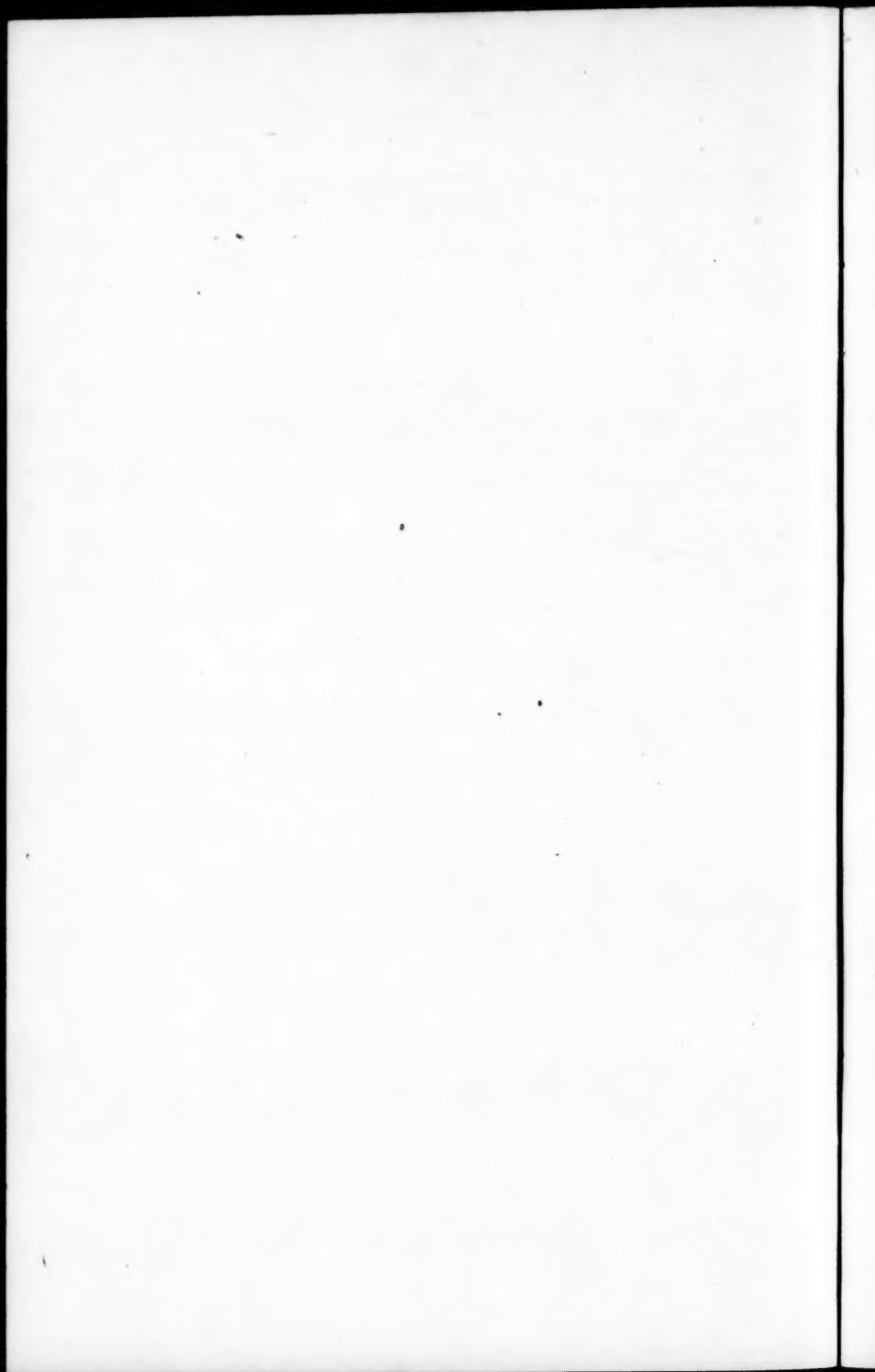
<sup>1</sup> Also health officer for Taylor County.

City.	Name of health officer.	Official title.
Texas—Continued.		
Galveston.....	Henry P. Cooke, M. D.....	Health officer.
Greenville.....	M. M. Chandler, M. D.....	City health officer.
Houston.....	P. H. Scardino, M. D.....	Do.
Marshall.....	Chas. E. Heartsill, M. D.....	Do.
Palestine.....	R. M. Dunn, M. D.....	City physician.
San Angelo.....	A. C. Delong, M. D.....	City health officer.
San Antonio.....	W. A. King, M. D.....	Do.
Temple.....	T. F. Bunkley.....	Do.
Tyler.....	Albert Woldert, M. D.....	Do.
Waco.....	R. A. Herring, passed assistant surgeon, U. S. P. H. S.	Do.
Wichita Falls.....	Mark H. Moore, M. D. <sup>1</sup> .....	County health officer.
Utah:		
Ogden.....	George Shorten.....	Health and sanitary inspector.
Provo.....	Walter T. Hasler, M. D.....	City physician.
Salt Lake City.....	Samuel G. Paul, M. D.....	Health commissioner.
Vermont:		
Barre.....	O. G. Stickney, M. D.....	Health officer.
Burlington.....	Francis J. Ennis, M. D.....	Health officer and milk inspector.
Rutland.....	Geo. Rustedt, M. D.....	Health officer.
Virginia:		
Alexandria.....	Edward A. Gorman, M. D.....	Do.
Danville.....	C. C. Hudson, M. D.....	Do.
Lynchburg.....	Mosby G. Perrow.....	Do.
Newport News.....	Wm. F. Cooper, M. D.....	Health officer and president board of health.
Norfolk.....	Powhatan S. Schenck, M. D.....	Health commissioner.
Petersburg.....	Robert U. Mertin, M. D.....	Health officer.
Portsmouth.....	Vernon Brooks, M. D.....	Do.
Richmond.....	Roy K. Flannagan, M. D.....	City health officer.
Roanoke.....	W. Brownley Foster, M. D.....	Health officer.
Staunton.....	Geo. H. Thomas, M. D.....	City health officer.
Washington:		
Aberdeen.....	C. E. Bartlett, M. D.....	City health officer.
Bellingham.....	W. W. Ballaine, M. D.....	Health officer.
Everett.....	John F. Beatty, M. D.....	City health officer.
Hoquiam.....	H. C. Watkins, M. D.....	Do.
Seattle.....	J. S. McBride, M. D.....	Commissioner of health.
Spokane.....	John B. Anderson, M. D.....	Health officer.
Tacoma.....	E. A. Layton, M. D.....	Do.
Vancouver.....	J. M. P. Chalmers, M. D. <sup>2</sup> .....	Health officer and county physician.
Walla Walla.....	J. E. Vanderpool.....	City health officer.
Yakima.....	Benjamin S. Cerswell, M. D. <sup>3</sup> .....	City and county health officer.
West Virginia:		
Bluefield.....	J. Everett Martin, M. D.....	Health officer.
Charleston.....	R. T. Davis, M. D.....	Health commissioner.
Clarksburg.....	William Thomas Gocke, M. D.....	City physician and health officer.
Fairmont.....	H. L. Criss, M. D.....	City physician.
Huntington.....	A. J. Pickering, M. D.....	Health officer.
Martinsburg.....	A. B. Eagle, M. D.....	Commissioner of health.
Morgantown.....	W. C. Kelly, M. D.....	City health officer.
Moundsville.....	John H. Luikart, M. D.....	Health officer.
Parkersburg.....	W. B. Richardson, M. D.....	City health officer.
Wheeling.....	M. B. Williams, M. D.....	Health commissioner.

<sup>1</sup> Health officer for Wichita County.<sup>2</sup> Also health officer and county physician for Clarke County.<sup>3</sup> Also health officer for Yakima County.



City.	Name of health officer.	Official title.
<b>Wisconsin:</b>		
Appleton.....	H. E. Ellsworth, M. D.....	City physician and health officer.
Ashland.....	C. O. Hertzman, M. D.....	Chairman board of health.
Beloit.....	William L. Holt, M. D., C. P. H..	Health officer.
Eau Claire.....	J. F. Farr, M. D.....	Executive officer board of health.
Fond du Lac.....	Frank M. McGauley, M. D.....	City physician and health officer.
Green Bay.....	C. J. Chloupek, M. D.....	Commissioner of health.
Janesville.....	Samuel B. Buckmaster, M. D....	Health officer.
Kenosha.....	Herbert L. Wright, M. D.....	Commissioner of health.
La Crosse.....	J. M. Furstman, M. D.....	Do.
Madison.....	Harry E. Purcell, M. D.....	Health officer.
Manitowoc.....	J. E. Meany, M. D.....	Do.
Marinette.....	S. Berglund.....	Do.
Milwaukee.....	George C. Ruhland, M. D.....	Commissioner of health.
Oshkosh.....	Arthur Henri Broché, M. D.....	Health officer and city physician.
Racine.....	H. C. Baker.....	Health officer and chief of police.
Sheboygan.....	H. C. Reich, M. D.....	Commissioner of public health.
Superior.....	P. G. McGill, M. D.....	Health commissioner.
Wausau.....	Wm. E. Zilisch, M. D.....	Health officer.
<b>Wyoming:</b>		
Cheyenne.....	W. A. Wyman, M. D.....	City health officer and deputy county health officer.



# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED NOV. 23.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA.	
Alexandria:	Cases.	Diphtheria:	Cases.
Gonorrhea.....	2	Des Moines.....	6
Influenza.....	4	Influenza:	
Malaria.....	2	Alleman.....	3
Pineville:		Bloomfield Township.....	1
Influenza.....	2	Des Moines.....	491
Typhoid fever.....	2	Grimes.....	2
Rural district:		Polk City.....	12
Influenza.....	2	Sheldahl.....	5
		South Fort Des Moines.....	5
CAMP BOWIE ZONE, TEX.		Scarlet fever:	
Fort Worth:		Des Moines.....	4
Chancroid.....	1	Smallpox:	
Chicken pox.....	2	Des Moines.....	4
Diphtheria.....	1	CAMP DONIPHAN ZONE, OKLA.	
Gonorrhea.....	12	Comanche County:	
Influenza.....	14	Influenza.....	1
Pneumonia.....	10	Typhoid fever.....	1
Scarlet fever.....	1	Lawton:	
Syphilis.....	5	Gonorrhea.....	4
		Influenza.....	1
BREMERTON ZONE, WASH.		CAMP EBERTS ZONE, ARK.	
Influenza.....	47	Influenza:	
Mumps.....	4	Austin.....	4
CHARLESTON SANITARY DISTRICT, S. C.		Austin, R. F. D.....	5
Charleston:		Austin, route 2.....	2
Diphtheria.....	2	Cabot.....	2
Influenza.....	78	Cabot, R. F. D.....	1
Typhoid fever.....	1	Carlisle.....	8
North Charleston:		England.....	1
Measles.....	4	Keo.....	1
Mumps.....	1	Lonoke, route 1.....	4
CAMP DEVENS ZONE, MASS.		Scott, route 1.....	1
Ayer:		Ward.....	4
Measles.....	1	Malaria:	
Scarlet fever.....	1	Austin, route 1.....	1
Lancaster:		Austin, route 2.....	4
Influenza.....	6	Cabot.....	4
		Keo.....	2

## CAMP EBERTS ZONE, ARK.—continued.

	Cases.
Pneumonia:	
Lonoke, R. F. D.....	2
Scott, route 1.....	1
Syphilis:	
England.....	1
Tuberculosis:	
England.....	1
Whooping cough:	
Scott, route 2.....	1

## CAMP FUNSTON ZONE, KANS.

Chicken pox:	
Manhattan.....	2
Gonorrhea:	
Junction City.....	10
Influenza:	
Junction City.....	18
Keats.....	4
Manhattan.....	42
Millford.....	7
Pottawatomie County.....	1
Randolph.....	3
Rural district.....	4
Measles:	
Manhattan.....	1
Ogden.....	4
Mumps:	
Manhattan.....	1
Pneumonia:	
Manhattan.....	1
Scarlet fever:	
Manhattan.....	1
Syphilis:	
Junction City.....	2

## GAS AND FLAME SCHOOL ZONE, GA. AND ALA.

Cholera Infantum:	
Columbus.....	1
Influenza:	
Chattahoochee County.....	3
Columbus.....	42
Girard.....	6
Muscogee County.....	29
Phoenix.....	5
Malaria:	
Muscogee County.....	1
Pellagra:	
Columbus.....	1
Pneumonia:	
City View.....	2
Columbus.....	7
Muscogee County.....	6
Phoenix.....	1
Scarlet fever:	
Columbus.....	2
Smallpox:	
Girard.....	1
Tuberculosis:	
Columbus.....	1
Typhoid fever:	
Columbus.....	1
Whooping cough:	
Columbus.....	2

## GERSTNER FIELD ZONE, LA.

	Cases.
Chicken pox.....	1
Diphtheria.....	1
Food poisoning.....	1
Gonorrhea.....	2
Influenza.....	177
Malaria.....	1
Pneumonia.....	7
Smallpox.....	3
Typhoid fever.....	4

## CAMP GREENE ZONE, N. C.

Charlotte Township:	
Chicken pox.....	4
Diphtheria.....	1
Gonorrhea.....	14
Influenza.....	100
Syphilis.....	14
Typhoid fever.....	1
Whooping cough.....	3

## GULFPORT HEALTH DISTRICT, MISS.

Cancer.....	1
Chicken pox.....	2
Diphtheria.....	5
Dysentery.....	2
Gonorrhea.....	11
Hookworm.....	1
Influenza.....	113
Malaria.....	11
Measles.....	2
Mumps.....	1
Pneumonia.....	7
Scarlet fever.....	1
Whooping cough.....	3

## CAMP HANCOCK ZONE, GA.

Augusta:	
Diphtheria.....	1
Influenza.....	286
Pneumonia.....	4
Scarlet fever.....	1
Richmond County:	
Influenza.....	4

## CAMP HUMPHREYS ZONE, VA.

Alexandria:	
Chicken pox.....	6
Influenza.....	6
Meningitis.....	2

## CAMP JACKSON ZONE, S. C.

Columbia:	
Influenza.....	53
Pneumonia.....	3
Scarlet fever.....	1
Tuberculosis.....	2
U. S. Government Clinic:	
Gonorrhea.....	3
Syphilis.....	9

## CAMP JOSEPH E. JOHNSTON ZONE, FLA.

Chancroid:	
Jacksonville.....	2

**CAMP JOSEPH E. JOHNSTON ZONE, FLA.—contd.**

Diphtheria:	Cases.
Fishers Corner.....	1
Jacksonville.....	3
Panama.....	1
Gonorrhea:	
Jacksonville.....	30
Influenza:	
Jacksonville.....	3
Malaria:	
Fishers Corner.....	1
Jacksonville.....	2
Measles:	
Jacksonville.....	4
Mumps:	
Panama.....	1
Ophthalmia:	
Jacksonville.....	1
Pneumonia:	
Jacksonville.....	1
Scarlet fever:	
Jacksonville.....	3
Syphilis:	
Jacksonville.....	18
Prison Farm.....	3
Trachoma:	
Jacksonville.....	1
Tuberculosis:	
Jacksonville.....	2
Typhoid fever:	
Fishers Corner.....	2
Jacksonville.....	2

**FORT LEAVENWORTH ZONE, KANS.**

Leavenworth:	
Gonorrhea.....	7
Influenza.....	144
Leavenworth County:	
Diphtheria.....	7
Influenza.....	18
Scarlet fever.....	3

**CAMP LEE ZONE, VA.**

Ettricks:	
Influenza.....	2
Hopewell:	
Gonorrhea.....	7
Syphilis.....	8
Petersburg:	
Diphtheria.....	3
Gonorrhea.....	7
Syphilis.....	9
Typhoid fever.....	1

**CAMP LEWIS ZONE, WASH.**

Influenza:	
Collins Addition.....	4
Greendale.....	3
Spanaway.....	1
Steilacoom.....	3
Steilacoom Lake.....	1

**CAMP LOGAN ZONE, TEX.**

Chaneroid:	
Harrisburg.....	1
Gonorrhea:	
Houston.....	5
U. S. Government Clinic.....	21

**CAMP LOGAN ZONE, TEX.—continued.**

Measles:	Cases.
Houston.....	1
Pneumonia:	
Houston.....	1
Smallpox:	
Humble.....	4
Syphilis:	
Houston.....	3
U. S. Government Clinic.....	16

**CAMP MACARTHUR ZONE, TEX.**

Waco:	
Chaneroid.....	1
Diphtheria.....	1
Gonorrhea.....	39
Influenza.....	5
Syphilis.....	10
Typhoid fever.....	1

**CAMP M'CLELLAN ZONE, ALA.**

Anniston:	
Chaneroid.....	1
Gonorrhea.....	13
Influenza.....	103
Mumps.....	2
Pneumonia.....	1
Syphilis.....	2
Precinct 15:	
Influenza.....	2

**CAMP MERRIT ZONE, N. J.**

Englewood:	
Diphtheria.....	3
Influenza.....	8
Pneumonia.....	3
Scarlet fever.....	2

Haworth:	
Influenza.....	4

**NEW LONDON SANITARY DISTRICT, CONN.**

Chicken pox:	
Groton.....	2
Diphtheria:	
Groton.....	1
Mystic.....	2
New London.....	2
Noank.....	1
Norwich.....	2
Gonorrhea:	
New London.....	2
Influenza:	
Groton (town).....	14
Mystic.....	32
Ledyard.....	1
New London.....	10
Old Lyme.....	5
Pawcatuck.....	2
Stonington.....	9
Pneumonia:	
Colchester.....	1
New London.....	8
Norwich.....	1
Old Lyme.....	4
Scarlet fever:	
Groton.....	1
New London.....	2

## NEW LONDON SANITARY DISTRICT, CONN.—contd.

Tuberculosis:	Cases.
New London.....	1
Norwich.....	4
Typhoid fever:	
Norwich.....	1

## FORT OGLETHORPE ZONE, GA. AND TENN.

Gonorrhea:	
Chattanooga.....	6
Eastlake.....	1
Influenza:	
Eastlake.....	2

## PICRIC ACID PLANT ZONE, GA.

Brunswick:	
Gonorrhea.....	1
Influenza.....	16
Tuberculosis.....	1

## CAMP PIKE ZONE, ARK.

Kco:	
Influenza.....	7
Little Rock:	
Chancroid.....	3
Chicken pox.....	1
Gonorrhea.....	19
Influenza.....	81
Measles.....	2
Mumps.....	6
Pneumonia.....	10
Scarlet fever.....	4
Smallpox.....	1
Syphilis.....	9
Tuberculosis.....	5
Whooping cough.....	1
North Little Rock:	
Influenza.....	7
Malaria.....	1
Pellagra.....	1
Pneumonia.....	1

## CAMP FOLK ZONE, N. C.

Durham:	
Chicken pox.....	1
Influenza.....	50
Typhoid fever.....	1
Durham County:	
Influenza.....	20
Scarlet fever.....	1
Raleigh:	
Diphtheria.....	1
Influenza.....	244
Scarlet fever.....	2
Whooping cough.....	1

## PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.

Diphtheria:	
Norfolk.....	5
South Norfolk.....	2
Gonorrhea:	
Norfolk.....	3
Influenza:	
Quartermaster Terminal.....	9
Measles:	
South Norfolk.....	1
Norfolk.....	3
Scarlet fever:	
Norfolk.....	2

## PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.—continued.

Smallpox:	Cases.
Norfolk.....	8
Typhoid fever:	
Norfolk.....	1
Whooping cough:	
Portsmouth.....	2

## PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.

Portsmouth:	
Chancroid.....	1
Diphtheria.....	1
Gonorrhea.....	7

## CAMP SEVIER ZONE, S. C.

Greenville:	
Diphtheria.....	3
Influenza.....	278

## CAMP SHELBY ZONE, MISS.

Chancroid:	
Hattiesburg.....	3
Diphtheria:	
Hattiesburg.....	1
Gonorrhea:	
Forrest County.....	1
Hattiesburg.....	21
Near Hattiesburg.....	1
Influenza:	
Forrest County.....	12
Hattiesburg.....	147
Jones County.....	1
Lamar County.....	5
Near Hattiesburg.....	14
Malaria:	
Hattiesburg.....	1
Syphilis:	
Hattiesburg.....	5
Tuberculosis:	
Hattiesburg.....	1

## CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Gonorrhea.....	1
Influenza.....	80
Pneumonia.....	1
Tuberculosis.....	1
Tuberculosis, pulmonary.....	2
Montgomery County:	
Pneumonia.....	1
U. S. Government Clinic:	
Gonorrhea.....	12
Syphilis.....	17

## CAMP SHERMAN ZONE, OHIO.

Carcinoma:	
Chillicothe.....	1
Diphtheria:	
Chillicothe.....	4
Scioto Township.....	1
Gonorrhea:	
U. S. Government Clinic.....	5
Influenza:	
Chillicothe.....	43
Ross County.....	11
Measles:	
Chillicothe.....	1



**CAMP SHERMAN ZONE, OHIO—continued.**

	Cases.
Pneumonia, broncho:	
Chillicothe.....	1
Scarlet fever:	
Liberty Township.....	1
Syphilis:	
U. S. Government Clinic.....	2
Tuberculosis, pulmonary:	
Chillicothe.....	1
Typhoid fever:	
Chillicothe.....	1
Huntington Township.....	1
Scioto Township.....	1

**CAMP ZACHARY TAYLOR ZONE, KY. AND IND.**

Diphtheria:	
Jefferson County.....	1
Louisville.....	9
Gonorrhea:	
Louisville.....	1
U. S. Government Clinic.....	25
Venereal Clinic, County Jail.....	25
Influenza:	
Clark County.....	46
Jefferson County.....	265
Jeffersonville.....	78
Louisville.....	377
New Albany.....	71
Measles:	
Louisville.....	2
Pneumonia:	
Clark County.....	4
Jefferson County.....	14
Louisville.....	4
Scarlet fever:	
Louisville.....	2
Septic sore throat:	
Jefferson County.....	1
Syphilis:	
U. S. Government Clinic.....	18
Venereal Clinic, County Jail.....	14
Tuberculosis, pulmonary:	
Jefferson County.....	1
Louisville.....	4
Typhoid fever:	
Jefferson County.....	1
Whooping cough:	
Jefferson County.....	1

**TIDEWATER HEALTH DISTRICT, VA.**

Newport News:	
Diphtheria.....	3
Gonorrhea.....	6
Influenza.....	2
Pneumonia.....	2

**TIDEWATER HEALTH DISTRICT, VA.—contd.**

	Cases.
Newport News—Continued.	
Syphilis.....	1
Tuberculosis.....	1
Phoebe:	
Measles.....	2
Typhoid fever.....	5

**CAMP TRAVIS ZONE, TEX.**

San Antonio:	
Chancroid.....	1
Diphtheria.....	1
Gonorrhea.....	9
Influenza.....	140
Pneumonia.....	3
Scarlet fever.....	2
Syphilis.....	1

**CAMP UPTON ZONE, N. Y.**

Brook Haven:	
German measles.....	2
Tuberculosis.....	1

**VANCOUVER ZONE, WASH.**

Influenza.....	120
Mumps.....	1
Peritonitis, tubercular.....	1
Tuberculosis, pulmonary.....	2

**CAMP WADSWORTH ZONE, S. C.**

Influenza:	
Drayton.....	4
Fairforest.....	1
Haynes.....	1
Spartanburg.....	133

**CAMP WHEELER ZONE, GA.**

Bibb County:	
Influenza.....	19
East Macon:	
Influenza.....	39
Macon:	
Diphtheria.....	5
Erysipelas.....	1
Gonorrhea.....	3
Influenza.....	613
Meningitis.....	1
Pneumonia.....	3
Scarlet fever.....	2
Tuberculosis.....	3
Typhoid fever.....	2

**WILMINGTON SANITARY DISTRICT, N. C.**

Wilmington:	
Gonorrhea.....	1
Tuberculosis.....	1

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.<sup>1</sup>

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended November 15, 1918:

Annual admission rate per 1,000 (disease only):

All troops.....	1,150.46
Divisional camps.....	1,221.20
Cantonments.....	1,297.6
Departmental and other troops.....	952.1

Noneffective rate per 1,000 on day of report:

All troops.....	50.31
Divisional camps.....	57.67

Noneffective rate per 1,000 on day of report—Continued.

Cantonments.....	52.93
Departmental and other troops.....	43.66

Annual death rate per 1,000 (disease only):

All troops.....	19.76
Divisional camps.....	38.00
Cantonments.....	10.23
Departmental and other troops.....	20.93

Cases of special diseases reported during the week ended Nov. 15, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.							
Beauregard.....	1	3	4	442		59	9	3		3	2,868.8	93.38
Bowie.....	15			226	3	8				1	1,789.2	66.64
Cody.....				3		150	7		3	44	877.5	80.16
Forrest.....				6	1	101	4			24	2,149.4	72.5
Fremont.....	3	1		6	6	2	3			5	806.8	85.08
Greene.....	13			151	1	26	5	1		7	897.3	48.8
Greenleaf.....	6			8	1	34				2	529.4	46.67
Hancock.....	32			58	5	4	68		212	21	957.3	65.11
Kearny.....	80			9	3	98	4		1	27	904.7	38.42
Logan.....	7		2	62	3	74	4			1	1,201.4	46.41
MacArthur.....			1	3		32	24			4	406.6	54.05
McClellan.....	23			17		3	32			8	1,045.5	45.98
Sevier.....	3		3	7	2	3	18			5	1,360.9	47.2
Shelby.....	34	1	1	63	31	75	3			16	1,690.2	84.28
Sheridan.....	7			7	5	22	14	1		6	932.1	42.38
Syracuse.....						1				1	361.1	16.36
Wadsworth.....	65			45	5	15	9	1		17	1,666.8	74.8
Wheeler.....	63		2	21						23	2,279.4	58.74
Custer.....	9			25	3	19		1		6	426.1	25.13
Devens.....	10			38	4	10	22		1	6	856.8	36.18
Dix.....	9			3,214		27				1	6,763.1	45.68
Dodge.....	24			40	4	50	51	2	2	11	1,152.9	84.84
Eustis.....	2			26		136				2	1,502.7	48.44
Fimston.....	14			58		1	97	1	2	8	508.4	37.62
Gordon.....	32		1	35		93	8		1	1	1,677.1	75.67
Grant.....	8			7		15			5	6	543.5	36.11
Humphreys.....	16			24	8	51	12			5	864.6	37.01
Jackson.....	2		11	60		22	42			3	608.4	50.08
J. E. Johnston.....	3		2	32	1	6	14	1		1	563.5	30.41
Las Casas.....	55		4	1		189	2			21	1,783.3	71.62
Lee.....	3			29	3	34	5	2		5	800.8	48.62
Lewis.....	130			56		238	59	1		8	2,185.8	73.30
Meade.....	9			73	1	25	27		2	2	764.3	23.45
Pike.....	135		1	60	40	27	33		1	6	1,286.5	64.25
Sherman.....	7		1	28		10	37	1	2	9	941.9	51.37
Taylor.....	41			120	8	31	65	3	3	18	1,498.1	71.2
Travis.....	68			23	2	71	6			10	2,032.9	105.88
Upton.....	9			63		75	8			3	670.7	46.23
Northeastern Department.....	4			12	6	78	1			11	1,126.9	41.06
Eastern Department.....	33			24	3	187	2	3	2	10	692.0	31.2
Southeastern Department.....	38		9	82	39	280	3			38	1,464.6	36.14
Southern Department.....	33		5	70	5	401	5		1	14	1,079.1	44.73
Central Department.....	124			53		593			3	12	1,750.5	43.87
Western Department.....	33			16		224		3		43	1,274.8	71.76
Aviation camps.....	66		11	83		441	10		5	43	983.07	46.5

<sup>1</sup> Including Porto Rico.

## Cases of special diseases reported during the week ended Nov. 15, 1918—Continued.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.							
Port of embarkation:												
Hoboken.....	26		1	28	2	177	76	3		16	1,016.9	72.49
Newport News.....	4	1	2	38	5	46	30	1		5	1,251.3	106.5
Alcatraz Disciplinary Barracks.....											1,464.7	11.26
Leavenworth Disciplinary Barracks.....				1					1	1	1,374.8	53.42
Jefferson Barracks.....	1			75	9	90	2		2		2,429.7	111.81
Columbus Barracks.....				5	2	1				1	592.0	42.22
Fort Logan.....				1	1						382.0	49.79
Fort McDowell.....			2	4							981.6	66.62
Fort Sill.....	23		1	10	10	25		1			618.8	28.64
Fort Slocum.....				2	1	1				1	240.8	23.74
Fort Thomas.....					1						589.6	23.36
West Point.....				1							464.2	13.69
Arsenals.....	4			7		23				2	721.0	34.66
Miscellaneous small stations.....	5									6	244.5	10.81
Students Army Training Corps.....	3		1	10		81		1		6	1,132.9	27.02
General hospitals.....										39		
Total.....	1,335	6	65	5,663	221	4,485	823	30	249	603	1,150.46	50.31

## Annual rate per 1,000 for special diseases.

Disease.	All troops in United States. <sup>1</sup>	Departmental and other troops. <sup>1</sup>	Divisional camps. <sup>1</sup>	Cantonments. <sup>1</sup>	Expeditionary Forces. <sup>2</sup>
Pneumonia.....	44.96	34.91	60.52	46.84	40.79
Dysentery.....	0.20	0.08	0.85	0.00	6.54
Malaria.....	2.18	2.81	2.23	1.59	0.33
Venereal.....	190.72	46.00	193.96	320.71	21.04
Paratyphoid.....	0.00	0.00	0.00	0.00	0.31
Typhoid.....	0.20	0.35	0.00	0.15	0.28
Measles.....	27.71	11.34	35.42	39.00	6.15
Meningitis.....	1.01	1.05	1.03	0.95	1.60
Scarlet fever.....	8.38	1.23	37.14	1.51	0.76
Influenza.....	122.00	233.17	121.05	90.33	.....

<sup>1</sup> Week ended Nov. 15, 1918.<sup>2</sup> Week ended Nov. 7, 1918.

Annual death rate (disease only) all troops in United States and American Expeditionary Forces, France, for the week ending November 8, 1918..... 20.74

## RECIPROCAL NOTIFICATION.

## Minnesota.

*Cases of communicable diseases referred during October, 1918, to other State health departments by department of health of the State of Minnesota.*

Disease and locality of notification.	Referred to health authority of—	Why referred.
Diphtheria: Agassiz Township, Lac qui Parle County.	Anamoose, McHenry County, N. Dak.	Two children contracted diphtheria while visiting at Anamoose, N. Dak.
Tuberculosis: Mayo Clinic, Rochester, Olmsted County.	Prescott, Yavapai County, Ariz..... Colorado Springs, El Paso County, Colo..... Lakeland, Polk County, Fla..... Indiana Harbor, Lake County, Ind.... Swaledale, Cerro Gordo County, Iowa..... Denison, Crawford County, Iowa.....  Hawarden, Sioux County, Iowa..... Red Oak, Montgomery County, Iowa..... Albin, Monroe County, Iowa..... Sault Ste. Marie, Chippewa County, Mich..... Detroit, Wayne County, Mich..... Rutledge, Scotland County, Mo..... Maryville, Nodaway County, Mo..... Butte, Silver Bow County, Mont..... Savy, Blaine County, Mont..... Savage, Richland County, Mont..... Devils Lake, Ramsey County, N. Dak..... Ruso, McLean County, N. Dak..... Brocket, Ramsey County, N. Dak..... Claremore, Rogers County, Okla..... De Smet, Kingsbury County, S. Dak..... (2 cases). Parkston, Hutchinson County, S. Dak..... Darlington, Lafayette County, Wis..... Bangor, La Crosse County, Wis..... Winnipeg, Manitoba, Canada..... Souris, Bottineau County, N. Dak.....	1 incipient. 6 advanced. 14 moderately advanced. 1 apparently cured. 1 apparently arrested. 3 (stage of disease not given) cases left Mayo clinic for homes.
Thomas Hospital, Minneapolis, Hennepin County. Nopeming Sanatorium, St. Louis County. Buena Vista Sanatorium, Wabasha County. Local draft board, East Grand Forks, Polk County.	San Juan, Hidalgo County, Tex..... Pittsburgh, Allegheny County, Pa.... University of New Mexico, N. Mex....	Open case left Thomas Hospital for home. Open case left sanatorium for home. Do. Man rejected from military service on account of tuberculosis, left Minnesota for New Mexico.

## CURRENT STATE SUMMARIES.

## Telegraphic Reports for week ended November 23, 1918.

**Alabama.**—Whole State: Typhoid fever 3, malaria 12, smallpox 6, scarlet fever 9, diphtheria 8, influenza 1,990.

**Arkansas.**—Influenza: Pine Bluff 300, Midland 103, McNeil 100, Pangburn 100, Bradley 69, Magnolia 54, Van Buren 49, Waldron 41, Bald Knob vicinity 28 cases (deaths 2, pneumonia), Huttig 27 cases (deaths 2, pneumonia), Morrilton 17, Conway County 15, Bentonville 13, Hempstead 11, Dermott 10 cases (death 1, pneumonia); other cases 37; recurring in number of places, no official reports. Bradley: Malaria 16, trachoma 1, typhoid fever 1. Huttig: Malaria 5. Stuttgart: Diphtheria 2, measles 1. Drew: Malaria 1, measles 1, pellagra 3. Hempstead: Smallpox 4. Shirley: Chicken pox 3, pellagra 1. Traskwood: Malaria 5. Marianna: Diphtheria 1. Conway: Pellagra 1, typhoid fever 1. Van Buren: Diphtheria 1. Perryville: Malaria 4, meningitis 1. Franklin: Diphtheria 2, following influenza.

Lincoln: Typhoid fever 1. Others: Tuberculosis 7, whooping cough 8, measles 1.

*California.*—For week ended November 26. Influenza cases 11,361. (Total from beginning of outbreak of influenza 161,976 cases). Fourteen cases smallpox: 4 Stockton, 2 Stanislaus County, 1 Oakland, 1 Pasadena, 6 Palo Alto.

*Connecticut.*—Trachoma 1, New Haven.

*Indiana.*—Influenza 2,174, syphilis 10, gonorrhea 38, chancreoid 1.

*Iowa.*—Chancreoid: Council Bluffs 2. Diphtheria: Burlington 3, Cedar Rapids 1, Council Bluffs 1, Davenport 1, Des Moines 6, Eagle Grove 1, Fort Dodge 1, Mason City 1, Pella 2, Red Oak 1. Gonorrhea: Atkins 1, Audubon 1, Burlington 2, Cedar Rapids 5, Council Bluffs 1, Davenport 3, Dubuque 1, Eddyville 1, Mason City 2, Muscatine 1, Onawa 1, Pella 3, Sioux City 12, Thurston 1, Villisca 1, Whiting 1. Measles: Dubuque 1. Scarlet fever: Burlington 2, Carroll 1, Cedar Rapids 1, Council Bluffs 2, Des Moines 4, Fort Dodge 1, Ottumwa 1. Smallpox: Burlington 4, Council Bluffs 1, Des Moines 4, Fort Dodge 4, Grundy Center 1, Mason City 3, Onawa 1, Ottumwa 1. Syphilis: Davenport 1, Dubuque 1, Eddyville 1, Ogden 2, Sioux City 5. In rural districts of following counties: Diphtheria: Jasper 1, Linn 4, Marion 3, Pottawattamie 3, Tama 1. Scarlet fever: Allamakee 1. For entire State: Influenza 4,694 cases.

*Kansas.*—Meningitis, Hoisington 1. State totals: Typhoid fever 38, smallpox 20, diphtheria 31, scarlet fever 28, influenza 7,928.

Reported by mail for preceding week (ended Nov. 16):

Cerebrospinal meningitis.....	1	Pneumonia (lobar).....	86
Chicken pox.....	21	Scarlet fever.....	9
Diphtheria.....	39	Smallpox.....	13
Erysipelas.....	3	Syphilis.....	10
German measles.....	2	Trachoma.....	2
Gonorrhea.....	25	Tuberculosis.....	26
Influenza.....	6,082	Typhoid fever.....	22
Measles.....	5	Whooping cough.....	51
Mumps.....	7		

*Maine.*—Chicken pox: Portland, 2. Diphtheria: Fort Fairfield, 3, Gonorrhea: Lewiston 1, Portland 11. Measles: Brunswick 1. Mumps: Portland 1. Scarlet fever: Mercer 1, Brunswick 2. Syphilis: Augusta 1, Portland 6. Typhoid fever: Bath 1. Tuberculosis: Five cases. Influenza: 450 scattered cases.

*Massachusetts.*—Unusual prevalence. Diphtheria: Fitchburg 11, Lowell 13, Palmer 4, Peabody 8, Somerville 11. Lobar pneumonia: Haverhill 20, Springfield 27. Scarlet fever: Acton 3.

*Minnesota.*—Smallpox (new foci): Wilkin County, Breckinridge City, 3; Wright County, Middleville Township, 1. Syphilis 76, gonorrhea 109, chancreoid 2.

*New Jersey.*—No outbreak nor unusual prevalence.

*New York.*—Outside of New York City. Typhoid fever: 45, of which in Herkimer village 17, Rochester 1. Poliomyelitis 6. Pneumonia 15. Venereal diseases (voluntary reports): Syphilis 119, gonorrhea 12.

*North Carolina.*—Whooping cough 90, measles 19, diphtheria 53, scarlet fever 25, septic sore throat 3, smallpox 2, chickenpox 5, typhoid fever 20, dysentery 4.

*Ohio.*—Diphtheria: Nine cases Columbiana County. Venereal diseases: 124 cases.

*Virginia.*—One case smallpox Campbell County. Two cases cerebrospinal meningitis, Alexandria. Twenty-four cases influenza.

*Washington.*—No unusual outbreak of disease, although influenza seems inclined to hold on in Walla Walla and shows some inclination toward a fresh outbreak in Vancouver.

### CEREBROSPINAL MENINGITIS.

#### State Reports for September and October, 1918.

Place.	New cases reported.	Place.	New cases reported.
California (September):		North Carolina (October):	
Alameda County—		Bladen County.....	2
Berkeley.....	1	Cabarrus County.....	1
Kern County—		Guilford County.....	1
Bakersfield.....	1	Martin County.....	1
Los Angeles County.....	1	Sampson County.....	1
Los Angeles.....	3	Total.....	6
Whittier.....	1		
Monterey County—		Rhode Island (October):	
King City.....	1	North Providence (town).....	1
San Francisco.....	5		
San Joaquin County—		South Carolina (October):	
Stockton.....	1	Greenville County.....	1
San Diego County.....	1	Spartanburg County.....	1
San Mateo County.....	1	Total.....	2
Solano County.....	1		
Santa Barbara County—		Virginia (October):	
Santa Maria.....	1	Accomac County.....	2
Total.....	18	Alleghany County—	
District of Columbia (October).....	5	Covington.....	1
Louisiana (October):		Henrico County—	
De Soto Parish.....	1	Richmond.....	1
Orleans Parish.....	5	Lee County.....	1
Rapides Parish.....	11	Loudoun County.....	1
Total.....	17	Louisa County.....	1
Minnesota (October):		Middlesex County.....	1
Cottonwood County—		Montgomery County.....	1
Westbrook.....	1	Nelson County.....	1
Hennepin County—		Prince George County.....	7
Minneapolis.....	1	Pulaski County.....	2
Total.....	2	Rockingham County—	
Nebraska (September):		Elkton.....	1
Lancaster County.....	1	Scott County.....	2
New Jersey (October):		Dungannon.....	1
Bergen County.....	2	Washington County.....	1
Burlington County.....	9	Wise County.....	4
Essex County.....	4	Total.....	28
Gloucester County.....	4		
Hudson County.....	3	Wisconsin (October):	
Mercer County.....	1	Barron County.....	1
Monmouth County.....	1	Buffalo County.....	1
Passaic County.....	1	Milwaukee County.....	7
Total.....	25	Vernon County.....	1
		Waukesha County.....	1
		Total.....	11



## CEREBROSPINAL MENINGITIS—Continued.

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ann Arbor, Mich.....	1	1	Malden, Mass.....	1	.....
Atlantic City, N. J.....	1	.....	Medford, Mass.....	1	.....
Baltimore, Md.....	2	.....	Memphis, Tenn.....	1	1
Cape Girardeau, Mo.....	1	1	Milwaukee, Wis.....	1	1
Champaign, Ill.....	.....	.....	New Britain, Conn.....	.....	1
Charleston, S. C.....	.....	1	New Haven, Conn.....	1	.....
Charlotte, N. C.....	1	.....	New York, N. Y.....	9	3
Chicago, Ill.....	.....	1	Omaha, Nebr.....	.....	1
Cleveland, Ohio.....	1	.....	Quincy, Mass.....	1	.....
Dallas, Tex.....	1	.....	St. Louis, Mo.....	.....	2
Detroit, Mich.....	1	.....	San Francisco, Cal.....	3	.....
Dover, N. H.....	.....	1	Seattle, Wash.....	3	.....
Lackawanna, N. Y.....	.....	1	Somerville, Mass.....	1	.....
Louisville, Ky.....	2	2	Winston-Salem, N. C.....	1	1

## CHANCROID.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.....	1
Camp Joseph E. Johnston zone, Fla.....	2
Camp Logan zone, Tex.....	1
Camp MacArthur zone, Tex.....	1
Camp McClellan zone, Ala.....	1
Camp Pike zone, Ark.....	3
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Shelby zone, Miss.....	3
Camp Travis zone, Tex.....	1

## DIPHTHERIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.....	1
Charleston sanitary district, S. C.....	2
Camp Dodge zone, Iowa.....	6
Gerstner Field zone, La.....	1
Camp Greene zone, N. C.....	1
Gulftport health district, Miss.....	5
Camp Hancock zone, Ga.....	1
Camp Joseph E. Johnston zone, Fla.....	5
Fort Leavenworth zone, Kans.....	7
Camp Lee zone, Va.....	3
Camp MacArthur zone, Tex.....	1
Camp Merrit zone, N. J.....	3
New London sanitary district, Conn.....	8
Camp Polk zone, N. C.....	1
Portsmouth and Norfolk County health dis- trict, Va.....	7
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Sevier zone, S. C.....	3
Camp Shelby zone, Miss.....	1
Camp Sherman zone, Ohio.....	5
Camp Zachary Taylor zone, Ky. and Ind.....	10
Tidewater health district, Va.....	3
Camp Travis zone, Tex.....	1
Camp Wheeler zone, Ga.....	5

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2137.

## ERYSIPELAS.

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Anniston, Ala.....	5	.....	Leavenworth, Kans.....	.....	1
Atlantic City, N. J.....	2	.....	Los Angeles, Cal.....	1	.....
Baltimore, Md.....	1	.....	Mattoon, Ill.....	2	.....
Beverly, Mass.....	.....	1	Milwaukee, Wis.....	1	1
Buffalo, N. Y.....	1	1	Montgomery, Ala.....	8	.....
Chicago, Ill.....	6	3	Newark, N. J.....	3	.....
Cincinnati, Ohio.....	1	.....	Philadelphia, Pa.....	1	.....
Cleveland, Ohio.....	3	.....	St. Louis, Mo.....	3	1
Denver, Colo.....	.....	1	Sandusky, Ohio.....	1	.....
Detroit, Mich.....	1	.....	Santa Barbara, Cal.....	1	.....
Kansas City, Mo.....	.....	1	Trenton, N. J.....	.....	1

## GONORRHEA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	2	Fort Oglethorpe zone, Ga. and Tenn.....	7
Camp Bowie zone, Tex.....	12	Picric Acid Plant zone, Ga.....	1
Camp Doniphan zone, Okla.....	4	Camp Pike zone, Ark.....	19
Camp Funston zone, Kans.....	10	Portsmouth and Norfolk County health district, Va.....	3
Gerstner Field zone, La.....	2	Portsmouth-Kittery sanitary district, N. H. and Me.....	7
Camp Greene zone, N. C.....	14	Camp Shelby zone, Miss.....	26
Gulfport health district, Miss.....	11	Camp Sheridan zone, Ala.....	13
Camp Jackson zone, S. C.....	3	Camp Sherman zone, Ohio.....	5
Camp Joseph E. Johnston zone, Fla.....	30	Camp Zachary Taylor zone, Ky. and Ind.....	51
Fort Leavenworth zone, Kans.....	7	Tidewater health district, Va.....	6
Camp Lee zone, Va.....	14	Camp Travis zone, Tex.....	9
Camp Logan zone, Tex.....	26	Camp Wheeler zone, Ga.....	3
Camp MacArthur zone, Tex.....	39	Wilmington sanitary district, N. C.....	1
Camp McClellan zone, Ala.....	13		
New London sanitary district, Conn.....	2		

## INFLUENZA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	8	Camp MacArthur zone, Tex.....	5
Camp Bowie zone, Tex.....	14	Camp McClellan zone, Ala.....	105
Bremerton zone, Wash.....	47	Camp Merrit zone, N. J.....	12
Charleston sanitary district, S. C.....	78	New London sanitary district, Conn.....	73
Camp Devens zone, Mass.....	6	Fort Oglethorpe zone, Ga. and Tenn.....	2
Camp Dodge zone, Iowa.....	519	Picric Acid Plant zone, Ga.....	16
Camp Doniphan zone, Okla.....	2	Camp Pike zone, Ark.....	95
Camp Eberts zone, Ark.....	33	Camp Polk zone, N. C.....	314
Camp Funston zone, Kans.....	79	Portsmouth and Norfolk County health district, Va.....	9
Gas and Flame School zone, Ga. and Ala.....	85	Camp Sevier zone, S. C.....	278
Gerstner Field zone, La.....	177	Camp Shelby zone, Miss.....	179
Camp Greene zone, N. C.....	100	Camp Sheridan zone, Ala.....	80
Gulfport health district, Miss.....	113	Camp Sherman zone, Ohio.....	54
Camp Hancock zone, Ga.....	290	Camp Zachary Taylor zone, Ky. and Ind.....	837
Camp Humphreys zone, Va.....	6	Tidewater health district, Va.....	2
Camp Jackson zone, S. C.....	53	Camp Travis zone, Tex.....	149
Camp Joseph E. Johnston zone, Fla.....	3	Vancouver zone, Wash.....	120
Fort Leavenworth zone, Kans.....	162	Camp Wadsworth zone, S. C.....	144
Camp Lee zone, Va.....	2	Camp Wheeler zone, Ga.....	671
Camp Lewis zone, Wash.....	12		

## INFLUENZA—Continued.

Number of Deaths from Influenza and Pneumonia (All Forms) for Corresponding Weeks, After the Beginning of the 1918 Epidemic, Compared for Large Cities.<sup>1</sup>

City.	Population.	Week preceding epidemic.	Week of epidemic.							
			First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.
Philadelphia....	1,735,514	76	706	2,637	4,597	3,021	1,203	375	164	103
Baltimore....	594,637	19	117	563	1,337	1,073	397	147	51	36
New Orleans....	377,010	29	141	624	682	333	158	76	.....	.....
Washington....	370,000	.....	38	181	547	606	372	154	55	42
Nashville....	118,136	5	129	193	127	54	53	15	16	.....
Boston....	767,813	46	265	775	1,246	1,027	589	128	137	76
San Francisco....	471,023	19	130	552	738	414	198	90	.....	.....
Fall River....	129,828	9	20	97	201	192	97	40	24	14
Richmond....	158,702	4	41	131	177	128	71	28	23	13
Lowell....	114,366	8	32	93	141	116	84	30	8	8
Cambridge....	114,293	4	105	140	115	63	21	19	5	9
New Haven....	152,275	2	15	96	77	152	183	168	82	48
Memphis....	151,877	.....	80	182	166	71	29	17	18	.....
Dayton....	128,939	5	31	134	137	115	67	21	5	.....
Oakland....	206,405	3	18	42	138	237	157	70	35	.....
Cleveland....	692,259	40	168	453	682	524	351	240	.....	.....
Chicago....	2,547,201	91	417	1,047	2,105	2,367	1,470	738	390	251
New York....	5,737,492	191	733	2,121	4,237	5,201	4,402	2,277	1,053	657
Omaha....	177,777	7	68	160	147	94	117	48	.....	.....
Rochester....	264,714	6	36	102	213	209	104	52	40	.....
Louisville....	240,808	14	92	180	181	69	58	39	35	.....
Birmingham....	189,716	5	17	61	110	133	85	46	46	44
Kansas City....	305,816	10	37	96	168	193	197	138	80	64
Denver....	268,439	19	59	139	147	108	101	77	87	.....
Columbus....	220,135	10	28	73	117	94	50	36	43	.....
Atlanta....	196,144	7	30	81	101	45	34	32	26	.....
Indianapolis....	283,622	10	24	46	128	115	81	58	48	62
Milwaukee....	445,008	15	69	113	175	125	95	70	40	.....
St. Louis....	768,630	.....	86	156	233	257	229	228	190	.....

Deaths per 100,000 of Population from Influenza and Pneumonia (All Forms) for Corresponding Weeks After the Beginning of the 1918 Epidemic, Compared for Large Cities.<sup>1</sup>

City.	Population.	Week preceding epidemic.	Week of epidemic.							
			First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.
Philadelphia....	1,735,514	4.4	40.7	151.8	264.9	174.1	69.3	21.6	9.5	5.9
Baltimore....	594,637	3.2	19.7	94.6	258.7	180.5	66.8	24.7	8.6	6.1
New Orleans....	377,010	7.7	38.2	163.5	180.8	88.4	41.9	20.2	.....	.....
Washington....	370,000	.....	10.3	48.9	147.9	163.8	100.5	41.6	14.9	11.4
Nashville....	118,136	4.2	109.2	163.4	107.6	45.7	44.9	12.7	13.6	.....
Boston....	767,813	6.0	34.5	101.0	158.4	132.9	76.7	16.4	17.9	9.9
San Francisco....	471,023	4.0	37.6	117.2	156.6	57.9	42.0	19.1	.....	.....
Fall River....	129,828	6.9	15.4	74.7	154.8	147.9	74.8	30.8	18.5	10.8
Richmond....	158,702	2.5	25.8	82.6	111.5	80.7	44.7	17.6	14.5	8.2
Lowell....	114,366	7.0	28.0	81.3	123.3	101.4	73.4	26.2	7.0	7.0
Cambridge....	114,293	3.5	91.9	122.5	100.6	55.1	18.4	16.6	4.4	7.9
New Haven....	152,275	1.3	9.9	23.6	50.6	99.8	120.2	119.3	53.8	31.5
Memphis....	151,877	.....	52.6	119.8	109.4	46.7	19.1	11.2	11.9	.....
Dayton....	128,939	3.9	24.1	103.9	106.3	89.2	51.9	16.3	3.9	.....
Oakland....	206,405	1.5	8.7	29.7	66.8	114.7	76.0	33.9	17.0	.....
Cleveland....	692,259	5.8	24.3	65.4	98.5	75.7	50.7	34.7	.....	.....
Chicago....	2,547,201	3.6	16.4	41.2	82.7	92.9	57.7	28.9	15.3	9.9
New York....	5,737,492	3.3	12.8	37.0	73.9	90.8	76.8	39.7	18.4	11.5
Omaha....	177,777	3.9	38.2	90.0	82.7	52.8	65.9	27.0	.....	.....
Rochester....	264,714	2.3	13.6	38.6	80.0	79.0	30.3	19.7	15.1	.....
Louisville....	240,808	5.5	38.2	74.8	75.2	29.7	24.1	19.0	14.5	.....
Birmingham....	189,716	2.6	9.0	32.2	58.0	70.1	44.6	24.2	24.2	23.2
Kansas City....	305,816	3.3	12.1	31.4	55.0	63.1	64.4	45.1	26.1	20.9
Denver....	268,439	7.1	22.0	51.8	54.8	40.2	37.6	28.7	32.4	.....
Columbus....	220,135	4.5	12.7	33.2	53.1	42.7	22.7	16.4	19.5	.....
Atlanta....	196,144	3.6	13.3	41.3	51.5	23.0	17.3	15.3	13.3	.....
Indianapolis....	283,622	3.5	8.5	16.2	45.1	40.6	29.6	20.4	11.9	21.8
Milwaukee....	445,008	3.4	13.5	25.4	39.3	28.1	21.3	15.7	11.0	.....
St. Louis....	768,630	.....	11.2	20.3	30.3	33.5	29.8	29.7	24.7	.....

<sup>1</sup> As reported to the United States Public Health Service and checked with figures published by the Bureau of the Census.

## LEPROSY.

## City Report for Week Ended Nov. 9, 1918.

One death from leprosy was reported at New York, N. Y., during the week ended November 9, 1918.

## MALARIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

	Cases.		Cases.
Camp Beauregard zone, La.....	2	Gulfport health district, Miss.....	11
Camp Eberts zone, Ark.....	11	Camp Joseph E. Johnston zone, Fla.....	3
Gas and Flame School zone, Ga. and Ala.....	1	Camp Pike zone, Ark.....	1
Gerstner Field zone, La.....	1	Camp Shelby zone, Miss.....	1

## State Reports for September and October, 1918.

Place.	New cases reported.	Place.	New cases reported.
California (September):		Louisiana (October)—Continued.	
Butte County.....	30	Orleans Parish.....	5
Chico.....	12	Ouachita Parish.....	1
Gridley.....	11	Rapides Parish.....	33
Calaveras County.....	2	St. Landry Parish.....	3
Angels Camp.....	1	St. Martin Parish.....	16
Colusa County.....	3	Tangipahoa Parish.....	5
Contra Costa County—		Terrebonne Parish.....	1
Hercules.....	1	Vermilion Parish.....	2
Fresno County—		Vernon Parish.....	5
Clovis.....	1	Total.....	93
Glenn County.....	1		
Orland.....	7	New Jersey (October):	
Kern County.....	4	Essex County.....	3
Kings County.....	1	Mercer County.....	3
Marin County—		Middlesex County.....	8
Fort McDowell.....	1	Somerset County.....	1
Merced County.....	4	Total.....	15
Riverside County—			
Riverside.....	1	South Carolina (October):	
Placer County.....	4	Chester County.....	2
Colfax.....	2	Chesterfield County.....	5
Rocklin.....	1	York County.....	5
Sacramento County.....	6	Marion County.....	6
Sacramento.....	1	Total.....	18
San Diego County.....	3		
San Diego.....	1	Virginia (October):	
San Francisco.....	3	Accomac County.....	10
San Joaquin County.....	2	Albemarle County.....	3
Stockton.....	3	Brunswick County.....	14
Lodi.....	1	Brodnax.....	2
Solano County.....	1	Buckingham County.....	5
Benicia.....	2	Caroline County.....	12
Stanislaus County—		Charlotte County.....	6
Newman.....	1	Chesterfield County—	
Oakdale.....	2	Winterpock.....	5
Tehama County—		Cumberland County.....	1
Red Bluff.....	2	Dickenson County—	
Yolo County.....	2	Clintwood.....	1
Yuba County—		Gloucester County.....	2
Marysville.....	2	Goochland County.....	2
Total.....	119	Greensville County.....	14
		Emporia.....	4
Louisiana (October):		Halifax County.....	6
Allen Parish.....	1	Hanover County.....	12
Assumption Parish.....	3	Henrico County.....	7
Avoyelles Parish.....	1	Richmond.....	1
Calcasieu Parish.....	3	Highland County.....	1
Cameron Parish.....	2	Isle of Wight County.....	20
Claiborne Parish.....	1	James City County.....	2
Concordia Parish.....	2	King George County.....	10
East Baton Rouge Parish.....	1	Lancaster County—	
East Feliciana Parish.....	2	Irvington.....	1
Evangeline Parish.....	1	Lunenburg County—	
Lafayette Parish.....	1	Victoria.....	1
La Salle Parish.....	2	Middlesex County.....	10
Lincoln Parish.....	1		
Lavinston Parish.....	1		

## MALARIA—Continued.

## State Reports for September and October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Virginia (October)—Continued.		Virginia (October)—Continued.	
Nansemond County.....	10	Rockbridge County—	
Suffolk.....	12	Lexington.....	1
New Kent County.....	8	Southampton County.....	6
Northampton County.....	17	Franklin.....	2
Cape Charles.....	8	Stafford County.....	3
Northumberland County.....	4	Surry County.....	3
Nottoway County—		Sussex County.....	8
Burkeville.....	1	Stony Creek.....	2
Orange County.....	2	Warwick County.....	8
Pittsylvania County.....	11	Wise County—	
Powhatan County.....	10	Norton.....	1
Princess Anne County.....	33	York County.....	8
Prince George County.....	11		
Prince William County.....	34	Total.....	360
Richmond County.....	5		

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alexandria, La.....	1		Little Rock, Ark.....	1	
Birmingham, Ala.....	2		New Orleans, La.....	1	1
Columbus, Ga.....	1	1	Oakland, Cal.....	1	
Hattiesburg, Miss.....	1		Tuscaloosa, Ala.....	3	

## MEASLES.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Charleston sanitary district, S. C.....	4
Camp Devens zone, Mass.....	1
Camp Funston zone, Kans.....	5
Gulfpport health district, Miss.....	2
Camp Joseph E. Johnston zone, Fla.....	4
Camp Logan zone, Tex.....	1
Camp Pike zone, Ark.....	2
Portsmouth and Norfolk County health district, Va.....	4
Camp Sherman zone, Ohio.....	1
Camp Zachary Taylor zone, Ky. and Ind.....	2
Tidewater health district, Va.....	2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2137.

## PELLAGRA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Gas and Flame School zone, Ga. and Ala.....	1
Camp Pike zone, Ark.....	1

## State Reports for October, 1918.

Place.	New cases reported.	Place.	New cases reported.
District of Columbia.....	1	Virginia—Continued.	
Louisiana:		Montgomery County.....	1
Orleans Parish.....	4	Powhatan County.....	1
South Carolina:		Scott County.....	1
Marion County.....	2	Smyth County.....	1
Virginia:		Surry County.....	1
Buckingham County.....	1	Washington County.....	3
Elizabeth City County.....	1	Glade Springs.....	1
James City County.....	1	Wise County.....	1
		Total.....	13

## PELLAGRA—Continued.

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.		1	Dallas, Tex.		1
Auburn, N. Y.	3	3	Fort Worth, Tex.		1
Austin, Tex.	1		Memphis, Tenn.	2	1
Birmingham, Ala.	1		Mobile, Ala.		1
Champaign, Ill.		1	Montgomery, Ala.		1
Charleston, S. C.		3	Roanoke, Va.	1	1
Columbus, Ga.	1	1	Spartanburg, S. C.		1

## PNEUMONIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.	10
Camp Eberts zone, Ark.	3
Camp Funston zone, Kans.	1
Gas and Flame School zone, Ga. and Ala.	16
Gerstner Field zone, La.	7
Gulftport health district, Miss.	7
Camp Hancock zone, Ga.	4
Camp Jackson zone, S. C.	3
Camp Joseph E. Johnston zone, Fla.	1
Camp Logan zone, Tex.	1
Camp McClellan zone, Ala.	1
Camp Merritt zone, N. J.	3
New London sanitary district, Conn.	14
Camp Pike zone, Ark.	11
Camp Sheridan zone, Ala.	2
Camp Sherman zone, Ohio.	1
Camp Zachary Taylor zone, Ky. and Ind.	22
Tidewater health district, Va.	2
Camp Travis zone, Tex.	3
Camp Wheeler zone, Ga.	3

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ablene, Tex.	2		Fort Worth, Tex.	69	15
Akron, Ohio.	8		Frederick, Md.	1	
Alexandria, La.	2		Fremont, Ohio.	4	3
Amarillo, Tex.	9		Galveston, Tex.	3	7
Ann Arbor, Mich.	6	3	Garfield, N. J.	3	
Anniston, Ala.	18		Geneva, N. Y.	2	
Appleton, Wis.	6	3	Grand Rapids, Mich.	19	7
Asbury Park, N. J.	2		Green Bay, Wis.	1	1
Atlanta, Ga.	2	31	Hackensack, N. J.	8	2
Atlantic City, N. J.	67	8	Hartford, Conn.	4	3
Austin, Tex.	1	1	Haverhill, Mass.	18	7
Baltimore, Md.	29	47	Highland Park, Mich.	19	8
Barre, Vt.	2	2	Hornell, N. Y.	8	
Battle Creek, Mich.	5	2	Independence, Mo.	5	12
Beaumont, Tex.	5	10	Jersey City, N. J.	11	
Bellefonte, N. J.	2		Kalamazoo, Mich.	13	7
Bellingham, Wash.	12		Kansas City, Mo.	21	35
Berkeley, Cal.	2	2	Kearny, N. J.	1	1
Beverly, Mass.	1	1	Lackawanna, N. Y.	7	5
Bloomfield, N. J.	3	2	Lawrence, Kans.	6	4
Boston, Mass.	23	14	Lawrence, Mass.	2	2
Cadillac, Mich.	10	5	Lincoln, Nebr.	15	1
Cambridge, Mass.	2	2	Little Falls, N. Y.	1	
Charleston, W. Va.	19	4	Little Rock, Ark.	12	
Chelsea, Mass.	1	2	Long Beach, Cal.	10	3
Chicago, Ill.	926	250	Los Angeles, Cal.	40	21
Cleveland, Ohio.	165	102	Louisville, Ky.	6	37
Colorado Springs, Colo.	8	4	Lynn, Mass.	1	
Columbus, Ga.	15	5	McAlester, Okla.	4	1
Corpus Christi, Tex.	6	6	Manchester, Conn.	2	2
Cortland, N. Y.	2		Manchester, N. H.	2	2
Cranston, R. I.	5		Manitowoc, Wis.	10	3
Dayton, Ohio.	3		Mansfield, Ohio.	2	4
Detroit, Mich.	54	146	Matttoon, Ill.	4	
East Orange, N. J.	9	8	Melrose, Mass.	1	
Eglin, Ill.	130	4	Middletown, N. Y.	9	8
Englewood, N. J.	9	8	Montclair, N. J.	2	5
Escanaba, Mich.	7	1	Morgantown, W. Va.	2	
Evansville, Ind.	15	10	Morristown, N. J.	4	7
Fall River, Mass.	6	3	Mount Vernon, N. Y.	40	13
Findlay, Ohio.	1	1	Newark, N. J.	179	38
Fitchburg, Mass.	1		New Bedford, Mass.	2	8



## PNEUMONIA—Continued.

## City Reports for Week Ended Nov. 9, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Newburgh, N. Y.	3	9	Rochester, N. Y.	42	15
New London, Conn.	2		Rome, N. Y.	14	
Newport, Ky.	11	11	San Iusky, Ohio	22	2
New York, N. Y.	1,576	1,070	San Francisco, Cal.	23	23
North Adams, Mass.	1		Santa Ana, Cal.	12	7
Northampton, Mass.	5	2	Santa Cruz, Cal.	1	3
North Tonawanda, N. Y.	5	4	Sault Ste. Marie, Mich.	18	12
Norwood, Ohio	8	3	Schenectady, N. Y.	10	
Oakland, Cal.	1	10	Shelbyville, Ind.	1	1
Oak Park, Ill.	1	2	Sioux Falls, S. Dak.	4	9
Oklahoma City, Okla.	41	9	Springfield, Mass.	24	13
Pasadena, Cal.	11		Taunton, Mass.	2	12
Passaic, N. J.	21	9	Toledo, Ohio	5	27
Peabody, Mass.	1	1	Trenton, N. J.	1	4
Peoria, Ill.	275	15	Tuscaloosa, Ala.	2	1
Plainfield, N. J.	4	4	Tyler, Tex.	2	
Pontiac, Mich.	3	1	Waco, Tex.	4	4
Port Chester, N. Y.	13	8	West Orange, N. J.	1	4
Redlands, Cal.	2	2	Wichita Falls, Tex.	25	10
Richmond, Va.	1	5	Winthrop, Mass.	1	
Roanoke, Va.	3		Yonkers, N. Y.	32	11

## POLIOMYELITIS (INFANTILE PARALYSIS).

## State Reports for September and October, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>California (September):</b>		<b>Nebraska (September):</b>	
Alameda County—		Franklin County.....	1
Oakland.....	1		
Humboldt County—		<b>New Jersey (October):</b>	
Arcata.....	1	Camden County.....	1
Riverside County—		Passaic County.....	1
Riverside.....	1	<b>Total.....</b>	<b>2</b>
San Francisco.....	1	<b>North Carolina (October):</b>	
Sonoma County.....	1	Guilford County.....	1
<b>Total.....</b>	<b>5</b>		
<b>Louisiana (October):</b>		<b>Virginia (October):</b>	
Orleans Parish.....	3	Alleghany County.....	1
		Buchanan County.....	1
<b>Michigan (October):</b>		James City County.....	1
Gratiot County—		Tazewell County.....	1
Bethany Township.....	1	<b>Total.....</b>	<b>4</b>
Manistee County—		<b>Wisconsin (October):</b>	
Filer Township.....	1	Brown County.....	1
Tuscola County—		Calumet County.....	1
Mayville.....	1	Chippewa County.....	1
Washtenaw County—		Marathon County.....	1
York Township.....	1	Milwaukee County.....	1
Wayne County—		Vernon County.....	1
Detroit.....	4	Waupaca County.....	1
<b>Total.....</b>	<b>8</b>	Wood County.....	1
		<b>Total.....</b>	<b>8</b>
<b>Minnesota (October):</b>			
Fillmore County—			
Preston.....	1		
St. Louis County—			
Duluth.....	2		
<b>Total.....</b>	<b>3</b>		

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass.	1	1	New Orleans, La.	1	
Buffalo, N. Y.	1		Redlands, Cal.	1	
Duluth, Minn.	8		Steelton, Pa.	1	
Grand Rapids, Mich.	1		Wichita, Kans.	1	
New Haven, Conn.	1				



# RABIES IN ANIMALS.

## City Reports for Week Ended Nov. 9, 1918.

During the week ended November 9, 1918, there were reported two cases of rabies in animals at Bayonne, N. J., and one case at San Antonio, Tex.

# SCARLET FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Camp Bowie zone, Tex..... 1	Camp Merrit zone, N. J..... 2
Camp Devens zone, Mass..... 1	New London sanitary district, Conn..... 3
Camp Dodge zone, Iowa..... 4	Camp Pike zone, Ark..... 4
Camp Funsten zone, Kans..... 1	Camp Polk zone, N. C..... 3
Gas and Flame School zone, Ga. and Ala..... 2	Portsmouth and Norfolk County health dis-
Gulfport health district, Miss..... 1	trict, Va..... 2
Camp Hancock zone, Ga..... 1	Camp Sherman zone, Ohio..... 1
Camp Jackson zone, S. C..... 1	Camp Zachary Taylor zone, Ky. and Ind..... 2
Camp Joseph E. Johnston zone, Fla..... 3	Camp Travis zone, Tex..... 2
Fort Leavenworth zone, Kans..... 3	Camp Wheeler zone, Ga..... 2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2237.

# SMALLPOX.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

Cases.	Cases.
Camp Dodge zone, Iowa..... 4	Camp Pike zone, Ark..... 1
Gas and Flame School zone, Ga. and Ala..... 1	Portsmouth and Norfolk County health dis-
Gerstner Field zone, La..... 3	trict, Va..... 8
Camp Logan zone, Tex..... 4	

## State Reports for September and October, 1918—Vaccination Histories.

Place.	New cases reported.	Deaths.	Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
California (September):						
Alameda County—						
Oakland.....	2			1	1	
Fresno County.....	1				1	
Kern County.....	4				4	
Maricopa.....	4				4	
Los Angeles County.....	1			1		
Los Angeles.....	1				1	
Orange County.....	3				3	
Santa Ana.....	5				5	
Riverside County—						
Riverside.....	1				1	
San Joaquin County.....	1				1	
Stockton.....	6				6	
San Diego County.....	2				2	
San Francisco.....	13			1	12	
Santa Clara County.....	1				1	
Tulare County—						
Porterville.....	7				7	
Total.....	52			3	49	
District of Columbia (October).....	3				3	
Michigan (October):						
Allegan County—						
Allegan.....	1		1			
Alpena County—						
Ossinke Township.....	5				5	
Berrien County—						
Niles.....	1					1

## SMALLPOX—Continued.

## State Reports for September and October, 1918—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Michigan (October)—Continued.</b>						
Calhoun County—						
Albion.....	2				2	
Battle Creek.....	2			1	1	
Dickinson County—						
Norway Township.....	4				4	
Eaton County—						
Walton Township.....	23				23	
Gogebic County—						
Ironwood.....	1				1	
Genesee County—						
Fenton.....	3				2	1
Flint.....	1				1	
Huron County—						
Owendale.....	1				1	
Ingham County—						
Aurelius Township.....	1				1	
Lansing.....	16				16	
Isabella County—						
Denver Township.....	1				1	
Jackson County—						
Blackman Township.....	1					1
Kalamazoo County—						
Climax Township.....	1				1	
Kent County—						
Grand Rapids.....	1					1
Lapeer County—						
Almont Township.....	1			1		
Lapeer.....	1				1	
Lenawee County—						
Dover Township.....	1					1
Palmyra Township.....	2				1	1
Rome Township.....	11				11	
Mason County—						
Ludington.....	2				2	
Menominee County—						
Menominee Township.....	1				1	
Menominee.....	7				7	
Missaukee County—						
Enterprise Township.....	5				5	
Muskegon County—						
Muskegon Heights.....	1				1	
Oakland County—						
Pontiac.....	2		1		1	
Ogemaw County—						
West Branch Township.....	11				11	
Ottawa County—						
Spring Lake Township.....	1				1	
Saginaw County—						
Saginaw.....	10				10	
Sanilac County—						
Lamotte Township.....	5				5	
Wayne County—						
Detroit.....	1				1	
Highland Park.....	1				1	
Total.....	128		2	2	118	6
<b>Minnesota (October):</b>						
Dakota County—						
Burnsville Township.....	1				1	
Hennepin County—						
Minneapolis.....	16		1	1	14	
Hubbard County—						
Nevis Township.....	1				1	
Kittson County—						
Hallock Township.....	1				1	
McLeod County—						
Hutchinson.....	5				5	
Lynn Township.....	1				1	
Marshall County—						
Warren.....	2				2	
Nicollet County—						
Nicollet.....	7		2		3	2
Pine County—						
Pine City.....	7				7	
Hinckley Township.....	2				2	

## SMALLPOX—Continued.

## State Reports for September and October, 1918—Vaccination Histories—Continued.

Place.	Newcases reported.	Deaths.	Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Minnesota (October)—Continued.						
Ramsey County—						
St. Paul.....	7				7	
Renville County—						
Martinsburg Township.....	2				2	
Rock County—						
Luverne.....	1				1	
St. Louis County—						
Hibbing.....	1				1	
Midway Township.....	1					1
Sibley County—						
Grafton Township.....	1				1	
Wabasha County—						
Minneiska.....	1				1	
Winona County—						
Winona.....	1				1	
Wright County—						
Cokato.....	6				6	
St. Michael.....	1				1	
Cokato Township.....	2				2	
French Lake Township.....	1				1	
Total.....	68		3	1	61	3
Wisconsin (October):						
Bayfield County.....	18					18
Brown County.....	3					3
Columbia County.....	25			4	12	9
Dane County.....	2		1		1	
Dodge County.....	1				1	
Douglas County.....	9		6		3	
Fond du Lac County.....	14		6			8
Grant County.....	27				5	22
Green Lake County.....	1				1	
Kewaunee County.....	1					1
La Crosse County.....	1		1			
Manitowoc County.....	1				1	
Marinette County.....	9				5	4
Milwaukee County.....	11					11
Oconto County.....	15				15	
Peplin County.....	2				2	
Polk County.....	2			1		1
Portage County.....	8			7	1	
Price County.....	7				2	5
St. Croix County.....	25		2	3	9	11
Taylor County.....	1					1
Vernon County.....	1			1		
Washington County.....	1				1	
Waupaca County.....	1					1
Winnebago County.....	7		2		1	4
Wood County.....	2					2
Total.....	195		18	16	60	101

## State Reports for September and October, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Louisiana (October):			Nebraska (September):		
Acadia Parish.....	2		Adams County.....	185	
Beauregard Parish.....	4		Box Butte County.....	2	
Caldwell Parish.....	1		Butler County.....	7	
La Salle Parish.....	1		Collax County.....	2	
Morehouse Parish.....	2		Custer County.....	1	
Orleans Parish.....	1		Dawes County.....	6	
Rapides Parish.....	22		Dodge County.....	7	
West Carroll Parish.....	1		Douglas County.....	14	
Total.....	34		Franklin County.....	20	
			Lancaster County.....	16	
			Madison County.....	1	

## SMALLPOX—Continued.

## State Reports for September and October, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Nebraska (September)—Con.			Virginia (October):		
Platte County.....	1	.....	Alleghany County—		
Richardson County.....	1	.....	Covington.....	3	.....
Saunders County.....	4	.....	Campbell County.....	9	.....
Scotts Bluff County.....	1	.....	Carroll County.....	6	.....
Seward County.....	1	.....	Charlotte County.....	2	.....
Total.....	269	.....	Clarke County.....	14	.....
North Carolina (October):			Frederick County.....	4	.....
Cabarrus County.....	2	.....	Giles County.....	3	.....
Chowan County.....	2	.....	Grayson County.....	14	.....
Craven County.....	5	.....	Henrico County—		
Currituck County.....	1	.....	Richmond.....	1	.....
Forsyth County.....	2	.....	Isle of Wight.....	10	.....
Gaston County.....	1	.....	Loudoun County—		
Halifax County.....	1	.....	Leesburg.....	3	.....
Henderson County.....	1	.....	Lunenburg County.....	2	.....
Lenoir County.....	1	.....	Norfolk County—		
Northampton County.....	4	.....	Norfolk.....	4	.....
Robeson County.....	2	.....	Orange County—		
Rockingham County.....	4	.....	Gordonsville.....	2	.....
Swain County.....	2	.....	Prince Edward County.....	1	.....
Wayne County.....	1	.....	Prince George County.....	1	.....
Total.....	29	.....	Rockingham County.....	7	.....
South Carolina (October):			Wise County.....	2	.....
Greenville County.....	2	.....	Total.....	88	.....
Laurens County.....	69	.....	Wyoming (October):		
Spartanburg County.....	18	.....	Sweetwater County.....	7	.....
Total.....	89	.....	Uinta County.....	2	.....
Vermont (October):			Johnson County.....	1	.....
Windsor County.....	7	.....	Sheridan County.....	1	.....
			Laramie County.....	14	.....
			Lincoln County.....	9	.....
			Total.....	31	.....

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	2	.....	Los Angeles, Cal.....	3	.....
Beaumont, Tex.....	8	1	Louisville, Ky.....	1	.....
Billings, Mont.....	2	.....	Ludington, Mich.....	1	.....
Birmingham, Ala.....	1	.....	McAlester, Okla.....	3	.....
Buffalo, N. Y.....	1	.....	Manitowoc, Wis.....	1	.....
Burlington, Iowa.....	2	.....	Marinette, Wis.....	2	.....
Butte, Mont.....	1	.....	Memphis, Tenn.....	1	.....
Charleston, W. Va.....	1	.....	Menominee, Mich.....	8	.....
Cincinnati, Ohio.....	3	.....	Milwaukee, Wis.....	1	.....
Cleveland, Ohio.....	15	.....	Muncie, Ind.....	1	.....
Colorado Springs, Colo.....	1	.....	North Yakima, Wash.....	2	.....
Columbus, Ohio.....	1	.....	Oklahoma City, Okla.....	5	.....
Council Bluffs, Iowa.....	3	.....	Omaha, Nebr.....	20	.....
Denver, Colo.....	13	.....	Pontiac, Mich.....	1	.....
Des Moines, Iowa.....	3	.....	Saginaw, Mich.....	1	.....
Detroit, Mich.....	3	.....	St. Joseph, Mo.....	6	.....
Fort Worth, Tex.....	3	.....	Salt Lake City, Utah.....	1	.....
Grand Rapids, Mich.....	2	.....	Seattle, Wash.....	2	.....
Highland Park, Mich.....	1	.....	Spokane, Wash.....	3	.....
Joplin, Mo.....	1	.....	Springfield, Ohio.....	1	.....
Kansas City, Kans.....	2	.....	Steubenville, Ohio.....	6	.....
La Fayette, Ind.....	1	.....	Tacoma, Wash.....	2	.....
Lincoln, Nebr.....	1	.....	Waterloo, Iowa.....	1	.....
Lorain, Ohio.....	5	.....	Winston-Salem, N. C.....	5	.....

## SYPHILIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.....	5	Camp McClellan zone, Ala.....	2
Camp Eberts zone, Ark.....	1	Camp Pike zone, Ark.....	9
Camp Funston zone, Kans.....	2	Camp Shelby zone, Miss.....	5
Camp Greene zone, N. C.....	14	Camp Sheridan zone, Ala.....	17
Camp Jackson zone, S. C.....	9	Camp Sherman zone, Ohio.....	2
Camp Joseph E. Johnston zone, Fla.....	21	Camp Zachary Taylor zone, Ky. and Ind.....	32
Camp Lee zone, Va.....	17	Tidewater health district, Va.....	1
Camp Logan zone, Tex.....	19	Camp Travis zone, Tex.....	1
Camp MacArthur zone, Tex.....	10		

## TETANUS.

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Cambridge, Mass.....	1		Newark, N. J.....	1	
Columbus, Ohio.....		1	Philadelphia, Pa.....		1
Detroit, Mich.....		1	St. Louis, Mo.....		1
Louisville, Ky.....		1	Wilmington, Del.....		1

## TUBERCULOSIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

	Cases.		Cases.
Camp Eberts zone, Ark.....	1	Camp Sheridan zone, Ala.....	3
Gas and Flame School zone, Ga. and Ala.....	1	Camp Sherman zone, Ohio.....	1
Camp Jackson zone, S. C.....	2	Camp Zachary Taylor zone, Ky. and Ind.....	5
Camp Joseph E. Johnston zone, Fla.....	2	Tidewater health district, Va.....	1
New London sanitary district, Conn.....	5	Camp Upton zone, N. Y.....	1
Picric Acid Plant zone, Ga.....	1	Vancouver zone, Wash.....	2
Camp Pike zone, Ark.....	5	Camp Wheeler zone, Ga.....	3
Camp Shelby zone, Miss.....	1	Wilmington sanitary district, N. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 2137.

## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 23, 1918.

	Cases.		Cases.
Camp Beauregard zone, La.....	2	New London sanitary district, Conn.....	1
Charleston sanitary district, S. C.....	1	Camp Polk zone, N. C.....	1
Camp Doniphan zone, Okla.....	1	Portsmouth and Norfolk County health district	
Gas and Flame School zone, Ga. and Ala.....	1	Va.....	1
Gerstner Field zone, La.....	4	Camp Sherman zone, Ohio.....	3
Camp Greene zone, N. C.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	1
Camp Joseph E. Johnston zone, Fla.....	4	Tidewater health district, Va.....	5
Camp Lee zone, Va.....	1	Camp Wheeler zone, Ga.....	2
Camp MacArthur zone, Tex.....	1		

## TYPHOID FEVER—Continued.

## State Reports for September and October, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>California (September):</b>		<b>Louisiana (October)—Continued.</b>	
Alameda County—		Iberia Parish.....	2
Berkeley.....	1	Lafayette Parish.....	6
Oakland.....	12	Orleans Parish.....	16
Colusa County.....	1	Ouachita Parish.....	1
Contra Costa County—		Rapides Parish.....	1
Concord.....	1	Sabine Parish.....	2
Fresno County.....	7	St. James Parish.....	1
Butte County—		St. Landry Parish.....	4
Chico.....	3	St. Mary Parish.....	3
Imperial County.....	1	Terrebonne Parish.....	1
Brawley.....	1	Vermilion Parish.....	6
Inyo County.....	2	Vernon Parish.....	4
Kings County—		Total.....	81
Hanford.....	1		
Kern County—		<b>Michigan (October):</b>	
Taft.....	2	Bay County—	
Los Angeles County.....	3	Bay City.....	5
Long Beach.....	1	Benzie County—	
Los Angeles.....	21	Frankfort.....	1
Monterey Park.....	1	Berrien County—	
Venice.....	1	Buchanan Township.....	1
Napa County.....	2	Royalton Township.....	1
Napa.....	2	Benton Harbor.....	1
Mendocino County.....	1	Cheboygan County—	
Anaheim.....	1	Forest Township.....	1
Riverside County—		Chippewa County—	
Blythe.....	2	Sault Ste. Marie.....	1
Riverside.....	4	Clare County—	
Hemet.....	1	Lincoln Township.....	1
Sacramento County.....	4	Eaton County—	
Sacramento.....	1	Benton Township.....	1
San Diego County.....	1	Charlotte.....	1
Oceanside.....	1	Grand Lodge.....	1
San Benito County.....	1	Genesee County—	
San Bernardino County.....	2	Grand Blanc Township.....	1
Redlands.....	1	Theftord Township.....	1
San Bernardino.....	2	Flint.....	5
San Francisco.....	3	Gladwin County—	
San Joaquin County.....	2	Gladwin Township.....	1
Stockton.....	4	Sage Township.....	9
Santa Barbara County.....	1	Gratiot County—	
Santa Maria.....	1	Wheeler Township.....	1
Santa Clara County—		Ithaca.....	1
Gilroy.....	2	Hillsdale County—	
San Jose.....	1	Ransom Township.....	1
Santa Cruz County.....	1	Houghton County—	
Santa Cruz.....	2	Red Jacket.....	1
San Mateo County.....	2	Huron County—	
Siskiyou County—		Hume Township.....	1
Etna.....	1	Ingham County—	
Solano County.....	3	Lansing.....	4
Sonoma County—		Mason.....	1
Healdsburg.....	1	Ionla County—	
Tehama County—		Ionla.....	1
Red Bluff.....	1	Iosco County—	
Stanislaus County—		Tawas Township.....	1
Oakdale.....	1	East Tawas.....	2
Turlock.....	1	Jackson County—	
Tulare County—		Norvell Township.....	1
Tulare.....	1	Rives Township.....	1
Total.....	113	Kalamazoo County—	
<b>District of Columbia (October):</b>		Kalamazoo.....	7
	19	Schoolcraft.....	1
<b>Louisiana (October):</b>		Kent County—	
Acadia Parish.....	2	Grand Rapids.....	2
Allen Parish.....	7	Lapeer County—	
Ascension Parish.....	1	North Branch.....	1
Avoyelles Parish.....	3	Lenawee County—	
Beauford Parish.....	5	Fairfield Township.....	1
Bossier Parish.....	2	Palmyra Township.....	1
Caddo Parish.....	3	Livingston County—	
Calcasieu Parish.....	6	Handy Township.....	1
Cameron Parish.....	1	Mackinac County—	
De Soto Parish.....	2	Newton Township.....	3
Evangeline Parish.....	2	Macomb County—	
		Warren Township.....	1



## TYPHOID FEVER—Continued.

## State Reports for September and October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Michigan (October)—Continued.</b>		<b>Minnesota (October)—Continued.</b>	
Manistee County—		Lac qui Parle County—	
Onikama Township.....	1	Cerrogordo Township.....	1
Bear Lake.....	1	Lake County—	
Mason County—		Two Harbors.....	2
Ludington.....	1	Lyon County—	
Mecosta County—		Balaton.....	1
Wheatland Township.....	1	Stanley Township.....	4
Midland County—		Marshall County—	
Hope Township.....	2	Holt Township.....	1
Jerome Township.....	1	Vega Township.....	1
Midland Township.....	1	Martin County—	
Coleman.....	1	Fairmont.....	2
Monroe County—		Nobles County—	
Bedford Township.....	1	Worthington.....	1
Montcalm County—		Graham Lake Township.....	1
Sheridan Township.....	5	Ottertail County—	
Montmorency County—		Fergus Falls.....	1
Briley Township.....	2	Dane Prairie Township.....	1
Muskegon County—		Pelican Township.....	1
Muskegon Heights.....	5	Polk County—	
Oakland County—		Fisher Township.....	1
Holly Township.....	1	Ramsey County—	
Milford Township.....	1	St. Paul.....	18
Holly.....	1	St. Louis County—	
Waterford Township.....	2	Biwabik.....	1
Pontiac.....	6	Chisholm.....	1
Oseola County—		Duluth.....	3
Middle Branch Township.....	1	Proctor.....	1
Presque Isle County—		Virginia.....	8
Rogers.....	4	Stearns County—	
Saginaw County—		St. Cloud.....	1
Buena Vista Township.....	1	Washington County—	
Chapin Township.....	2	Stillwater.....	1
Saginaw.....	9	Watsonwan County—	
St. Clair County—		Madelia.....	1
Wales Township.....	1	Total.....	79
Sanilac County—			
Bridgehampton Township.....	1	<b>Nebraska (September):</b>	
Shiawassee County—		Buffalo County.....	4
New Haven Township.....	2	Burt County.....	2
Vernon.....	1	Cass County.....	2
Tuscola County—		Dixon County.....	2
Indianfields Township.....	1	Dodge County.....	4
Washtenaw County—		Douglas County.....	27
Pittsfield Township.....	1	Dundy County.....	1
Ann Arbor.....	1	Lancaster County.....	20
Wayne County—		Merrick County.....	2
Oakland.....	2	Perkins County.....	1
Highland Park.....	2	Phelps County.....	1
Total.....	128	Richardson County.....	1
		Saline County.....	1
<b>Minnesota (October):</b>		Scotts Bluff County.....	1
Beltrami County—		Total.....	69
Kelliher.....	1		
Bigstone County—		<b>New Jersey (October):</b>	
Prior Township.....	1	Atlantic County.....	1
Chippewa County—		Bergen County.....	1
Montevideo.....	1	Burlington County.....	6
Sparta Township.....	1	Camden County.....	6
Chisago County—		Cumberland County.....	2
Sunrise Township.....	1	Essex County.....	7
Cottonwood County—		Gloucester County.....	3
Westbrook.....	1	Hudson County.....	5
Amo Township.....	1	Middlesex County.....	1
Goodhue County—		Monmouth County.....	4
Red Wing.....	1	Morris County.....	2
Hennepin County—		Ocean County.....	1
Derphaven.....	1	Passaic County.....	4
Minneapolis.....	13	Somerset County.....	1
Houston County—		Sussex County.....	3
Spring Grove.....	1	Union County.....	15
Hubbard County—		Total.....	62
Akeley.....	2		
Itasca County—			
Nashauk.....	1		

## TYPHOID FEVER—Continued.

## State Reports for September and October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>North Carolina (October):</b>		<b>South Carolina (October)—Continued.</b>	
Anson County.....	2	York County.....	1
Ashe County.....	5	Marion County.....	1
Avery County.....	2	Total.....	53
Bladen County.....	3	<b>Vermont (October):</b>	
Brunswick County.....	1	Addison County.....	2
Buncombe County.....	3	Chittenden County.....	1
Cabarrus County.....	1	Franklin County.....	1
Caldwell County.....	2	Lamoille County.....	1
Carteret County.....	2	Orange County.....	2
Caswell County.....	1	Orleans County.....	5
Catawba County.....	5	Rutland County.....	1
Chatham County.....	5	Washington County.....	2
Cleveland County.....	1	Windham County.....	2
Craven County.....	2	Windsor County.....	5
Davidson County.....	2	Total.....	22
Duplin County.....	1	<b>Virginia (October):</b>	
Durham County.....	20	Accomac County.....	3
Edgecombe County.....	2	Albemarle County.....	1
Forsyth County.....	17	Charlottesville.....	2
Franklin County.....	2	Alleghany County—	
Gaston County.....	10	Clifton Forge.....	4
Gates County.....	1	Amherst County—	
Granville County.....	1	Madison Heights.....	1
Guilford County.....	14	Appomattox County.....	4
Harnett County.....	1	Augusta County.....	8
Henderson County.....	5	Greenville.....	3
Hertford County.....	1	Bath County.....	1
Iredell County.....	6	Bedford County.....	1
Johnston County.....	4	Bedford.....	8
Lenoir County.....	3	Bland County.....	1
Lincoln County.....	1	Campbell County.....	2
Macon County.....	3	Lynchburg.....	2
Madison County.....	15	Caroline County.....	4
Martin County.....	3	Carroll County.....	1
Mecklenburg County.....	7	Chesterfield County.....	3
Montgomery County.....	2	Culpeper County.....	1
Moore County.....	1	Dickenson County.....	2
Nash County.....	1	Dinwiddie County.....	1
New Hanover County.....	1	Elizabeth City County—	
Pamlico County.....	1	Phoebe.....	1
Perquimans County.....	2	Floyd County.....	3
Person County.....	1	Franklin County.....	1
Pitt County.....	9	Giles County.....	2
Randolph County.....	1	Grayson County.....	6
Richmond County.....	8	Hanover County.....	3
Robeson County.....	8	Henrico County—	
Rockingham County.....	18	Richmond.....	5
Rowan County.....	6	Henry County—	
Rutherford County.....	1	Martinsville.....	1
Sampson County.....	2	Isle of Wight County.....	3
Scotland County.....	3	James City County.....	2
Stanly County.....	8	Lancaster County—	
Union County.....	1	Morattico.....	1
Wake County.....	5	Lee County.....	10
Warren County.....	1	Keokee.....	4
Washington County.....	2	Loudoun County—	
Watauga County.....	7	Leesburg.....	1
Wayne County.....	6	Louisa County.....	3
Wilkes County.....	1	Madison County.....	2
Wilson County.....	2	Middlesex County.....	3
Yadkin County.....	5	Montgomery County.....	4
Yancey County.....	5	Blacksburg.....	1
Total.....	262	Nansemond County.....	5
<b>Rhode Island (October):</b>		Norfolk County—	
Coventry (town).....	3	Norfolk.....	5
Providence.....	1	Northampton County.....	1
Total.....	4	Northumberland County.....	2
<b>South Carolina (October):</b>		Nottoway County.....	1
Charleston County.....	1	Orange County.....	3
Chester County.....	1	Pittsylvania.....	1
Chesterfield County.....	10	Powhatan County.....	2
Dillon County.....	1	Prince Edward County.....	1
Greenville County.....	10	Prince George County.....	3
Hampton County.....	1	Roanoke County.....	1
Richland County.....	1	Roanoke.....	1
Spartanburg County.....	25	Russell County.....	2

## TYPHOID FEVER—Continued.

## State Reports for September and October, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Virginia (October)—Continued.		Wisconsin (October):	
Scott County.....	1	Buffalo County.....	1
Gate City.....	1	Eau Claire County.....	2
Shenandoah County.....	3	Lincoln County.....	1
Smyth County.....	2	Marathon County.....	1
Marion.....	4	Milwaukee County.....	7
Southampton County.....	3	Pepin County.....	1
Stafford County.....	1	Racine County.....	2
Surry County.....	1	Sauk County.....	1
Dendron.....	2	St. Croix County.....	1
Sussex County—		Shawano County.....	1
Gales.....	2	Waukesha County.....	1
Tazewell County.....	4	Total.....	19
Warren County.....	2		
Washington County.....	4	Wyoming (October):	
Abingdon.....	24	Lincoln County.....	2
Wise County.....	4	Carbon County.....	1
Wythe County.....	3	Total.....	3
York County.....	3		
Total.....	201		

## City Reports for Week Ended Nov. 9, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	2		Logansport, Ind.....	1	1
Allentown, Pa.....	2		Long Beach, Cal.....	1	
Anderson, Ind.....		1	Los Angeles, Cal.....	1	1
Appleton, Wis.....	2		Louisville, Ky.....	1	
Atlanta, Ga.....	3	1	Mattoon, Ill.....	1	
Baltimore, Md.....	5	2	Memphis, Tenn.....	1	
Berkeley, Cal.....	1		Montgomery, Ala.....	1	
Beverly, Mass.....		2	Morgantown, W. Va.....	1	
Birmingham, Ala.....	1		Nashville, Tenn.....	3	2
Bridgeport, Conn.....	1		Newark, N. J.....	1	
Buffalo, N. Y.....		1	New Haven, Conn.....		1
Charleston, S. C.....	2		New Orleans, La.....	3	
Chicago, Ill.....	1		Newport, R. I.....	1	
Cincinnati, Ohio.....	1		New York, N. Y.....	3	2
Cleveland, Ohio.....	1	3	North Tonawanda, N. Y.....	1	
Coffeyville, Kans.....	1		Philadelphia, Pa.....	3	
Columbus, Ohio.....		1	Pittsburgh, Pa.....	1	
Dallas, Tex.....	1		Portland, Oreg.....	1	
Denver, Colo.....	1	1	Providence, R. I.....	1	
Dubuque, Iowa.....		1	Roanoke, Va.....		1
Durham, N. C.....	6		St. Joseph, Mo.....	1	
El Paso, Tex.....	1	2	St. Louis, Mo.....	7	
Evansville, Ind.....	1	1	Somerville, Mass.....	1	
Fall River, Mass.....	2		South Bend, Ind.....		2
Fremont, Ohio.....	1		Spartanburg, S. C.....	1	
Galesburg, Ill.....	1	1	Spokane, Wash.....	5	
Grand Rapids, Mich.....	1		Springfield, Ohio.....	1	
Greenville, S. C.....	1		Superior, Wis.....		1
Highland Park, Mich.....	1		Trinidad, Colo.....	1	
Joplin, Mo.....	2		Waco, Tex.....	1	1
Kalamazoo, Mich.....	1		Washington, D. C.....	2	
Kansas City, Mo.....	2		Watertown, Mass.....	1	
Kokomo, Ind.....	1		Wichita Falls, Tex.....		1
Little Rock, Ark.....	1				

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for September and October, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
California (September)...	179	316	124	North Carolina (October)...	256	145	120
District of Columbia (October).....	31	12	17	Rhode Island (October)...	58	4	35
Louisiana (October).....	40	9	10	South Carolina (October)...	81	48	15
Michigan (October).....	680	243	345	Vermont (October).....	45	77	27
Minnesota (October).....	414	19	103	Virginia (October).....	272	96	68
Nebraska (September).....	96	69	39	Wisconsin (October).....	150	443	354
New Jersey (October).....	353	120	124	Wyoming (October).....	25	3	7

## City Reports for Week Ended Nov. 9, 1918.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Abilene, Tex.	14,954	...	...	...	1	...	...	...	2	...
Adams, Mass.	14,406	3	...	...	...	...	...	...	...	1
Akron, Ohio	93,604	71	7	...	...	...	...	...	...	...
Alameda, Cal.	28,433	26	...	...	...	...	1	...	1	...
Alexandria, La.	16,232	8	...	...	...	...	...	...	...	...
Allentown, Pa.	65,109	...	2	...	5	...	1	...	2	...
Alton, Ill.	23,783	47	...	...	...	...	...	...	...	2
Altoona, Pa.	59,712	...	10	...	...	...	...	...	...	...
Amesbury, Mass.	10,200	2	...	...	...	...	...	...	...	...
Anderson, Ind.	24,230	10	1	...	...	...	...	...	...	3
Ann Arbor, Mich.	15,041	12	3	...	...	...	3	...	...	...
Anniston, Ala.	14,326	...	...	...	...	...	...	...	1	...
Ansonia, Conn.	16,954	7	...	...	...	...	...	...	...	...
Appleton, Wis.	18,005	6	...	...	...	...	...	...	...	...
Arlington, Mass.	13,073	3	...	...	...	...	...	...	...	1
Asbury Park, N. J.	14,629	3	...	...	...	...	...	...	...	...
Atlanta, Ga.	196,144	83	2	...	...	...	4	...	5	4
Atlantic City, N. J.	59,515	20	...	...	...	...	...	...	2	1
Attleboro, Mass.	19,776	5	...	...	...	...	...	...	...	...
Auburn, N. Y.	37,823	18	2	...	...	...	2	...	...	...
Austin, Tex.	35,612	26	1	...	...	...	...	...	6	4
Bakersfield, Cal.	17,543	...	...	...	...	...	...	...	1	...
Baltimore, Md.	594,637	314	11	...	2	...	4	...	28	33
Barre, Vt.	12,401	4	...	...	...	...	...	...	...	...
Battle Creek, Mich.	30,159	20	1	...	...	...	1	...	2	...
Bayonne, N. J.	72,204	...	4	...	...	...	...	...	1	...
Beatrice, Nebr.	10,437	7	...	...	...	...	...	...	...	...
Beaumont, Tex.	28,851	12	4	1	...	...	...	...	...	...
Bedford, Ind.	10,613	6	...	...	...	...	...	1	...	1
Benton Harbor, Mich.	11,099	5	...	...	...	...	1	...	...	...
Berkeley, Cal.	60,427	32	...	...	...	...	2	...	...	...
Berlin, N. H.	13,892	6	...	...	...	...	...	...	...	...
Beverly, Mass.	22,128	7	...	...	...	...	...	...	...	...
Billings, Mont.	15,123	...	...	...	...	...	...	...	1	...
Binghamton, N. Y.	54,864	46	...	1	...	...	...	...	...	...
Birmingham, Ala.	189,716	80	8	...	3	...	4	1	...	7
Bloomfield, N. J.	19,013	2	1	...	...	...	...	...	...	...
Boston, Mass.	767,813	204	32	1	7	...	16	...	48	23
Brazil, Ind.	10,472	5	...	...	...	...	...	...	...	...
Bridgeport, Conn.	124,724	121	4	1	1	...	2	...	2	5
Bristol, Conn.	16,318	7	...	...	...	...	1	...	3	2
Brunswick, Ga.	10,984	4	...	...	...	...	...	...	1	...
Buffalo, N. Y.	475,781	286	28	5	13	1	11	...	22	16
Burlington, Iowa	25,144	10	1	...	...	...	2	...	...	...
Burlington, Vt.	21,802	28	...	...	...	...	...	...	...	...
Butler, Pa.	28,677	...	4	...	...	...	...	...	...	...
Butte, Mont.	44,057	...	1	...	...	...	2	...	...	...
Cadillac, Mich.	10,158	8	...	...	...	...	...	...	1	...
Cairo, Ill.	15,995	8	1	...	1	...	...	...	...	...
Cambridge, Mass.	114,293	27	9	...	1	...	...	...	5	...
Cambridge, Ohio	13,804	10	1	...	...	...	...	...	...	1

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Nov. 9, 1918—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Canton, Ohio.....	62,566	69	2				2			1
Cape Girardeau, Mo.....	11,146	3								1
Centralia, Ill.....	11,838						3			
Champaign, Ill.....	15,052	10								
Charleston, S. C.....	61,041	32			2				3	1
Charleston, W. Va.....	31,060	28	3				1			1
Charlotte, N. C.....	40,759	21								1
Chelsea, Mass.....	48,405	16			1		1			1
Chester, Pa.....	41,857								1	
Chicago, Ill.....	2,547,291	1,308	103	13	16	2	23	2	192	72
Chicopee, Mass.....	29,950	24								
Chillicothe, Ohio.....	15,625	4	2		1		2			
Cincinnati, Ohio.....	414,248	262	19	1	3		2		10	8
Cleveland, Ohio.....	692,259	736	23	5	6		8		26	26
Clinton, Mass.....	13,075	6					1			
Coffeyville, Kans.....	18,331		2							
Colorado Springs, Colo.....	38,965	26					2		8	3
Columbia, S. C.....	35,165		1				1			
Columbus, Ga.....	26,306	14					1		2	
Columbus, Ohio.....	229,135	139	6	1			5		4	1
Concord, N. H.....	22,858	10	1							1
Corpus Christi, Tex.....	10,789	16								2
Cortland, N. Y.....	13,321	3					1		1	
Council Bluffs, Iowa.....	31,838	15								
Cranston, R. I.....	26,773	9								
Crawfordsville, Ind.....	11,443	7								
Dallas, Tex.....	123,738	64	1						2	3
Danville, Ill.....	32,969	33	3							1
Danville, Va.....	20,183	2								
Davenport, Iowa.....	49,618		3				1			
Dayton, Ohio.....	128,939		4				2		4	
Decatur, Ill.....	41,483									1
Denver, Colo.....	268,439	151	8		2		8			20
Des Moines, Iowa.....	104,052		7	2						
Detroit, Mich.....	619,648	478	44	4	4	1	15		22	22
Dover, N. H.....	13,276	7								1
Du Bois, Pa.....	14,994		1							
Dubuque, Iowa.....	40,036		1	1			1			
Du'uth, Minn.....	97,077	62	2				1			3
Dunkirk, N. Y.....	21,311	35					1			1
Durham, N. C.....	28,160	19							1	
East Chicago, Ind.....	30,286	13		1						
East Cleveland, Ohio.....	15,804						1			
East Orange, N. J.....	45,761	14							3	2
Elgin, Ill.....	28,562	8							1	1
El Paso, Tex.....	69,149	83	3							10
Elyria, Ohio.....	19,503	15	3		1		1			
Englewood, N. J.....	12,603	10								
Erie, Pa.....	76,592		3						2	
Escanaba, Mich.....	15,854	7								
Evanston, Ill.....	29,304	9	1							
Evansville, Ind.....	76,981		2	1			2		2	2
Everett, Mass.....	40,169	11	2							
Fall River, Mass.....	123,828	47	1		2		3		5	1
Fargo, N. Dak.....	17,872	10								2
Findlay, Ohio.....	14,858	3								
Fitchburg, Mass.....	48,419	6	2				2			
Fond du Lac, Wis.....	21,486	9								
Fort Worth, Tex.....	103,597	40	1	1			1			
Fostoria, Ohio.....	10,959	2	1				3		1	1
Framingham, Mass.....	14,149	4								
Frankfort, Ind.....	10,101								1	
Frederick, Md.....	11,225	10								
Freeport, Ill.....	19,844	6								
Fremont, Ohio.....	11,034	3					1			
Fresno, Cal.....	36,314	40								
Galesburg, Ill.....	21,623	21			2					
Galveston, Tex.....	42,650	26								2
Garfield, N. J.....	15,109	8							1	
Geneva, N. Y.....	13,915	8								
Grand Rapids, Mich.....	132,861	39	1		2		9	1	6	3
Green Bay, Wis.....	30,017	18	2						1	

¹ Population Apr. 15, 1910.



## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Nov. 9, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Greenfield, Mass.	12,251	5	2				2			
Greenville, S. C.	18,574						1			
Greenwich, Conn.	19,594									1
Hackensack, N. J.	17,412	16								
Hancock, Mich.	12,578	1								
Harrisburg, Pa.	73,276		4							
Harrison, N. J.	17,345	12								
Hartford, Conn.	112,831	54	3	4	11	2	1		2	3
Hattiesburg, Miss.	17,357		6		2					
Haverhill, Mass.	49,180	20	1						3	
Hazleton, Pa.	28,981				1					
Henderson, Ky.	12,312	7								
Highland Park, Mich.	33,859	18							7	1
Hoboken, N. J.	78,324	39	4				1			2
Holland, Mich.	12,459	3								
Hornell, N. Y.	14,837		1				1			
Houston, Tex.	116,878	51	2		1				7	3
Independence, Kans.	15,111		2						2	
Indianapolis, Ind.	283,622	114	10				4		5	4
Ishpeming, Mich.	12,448	1					1			
Ithaca, N. Y.	16,017						6			
Janesville, Wis.	14,411	2								1
Jersey City, N. J.	312,557		6				3		4	
Johnstown, Pa.	70,473		7		5		1			
Joplin, Mo.	33,400	21								
Kalamazoo, Mich.	50,408		3				2		3	2
Kansas City, Kans.	102,096		6		1		1		3	
Kansas City, Mo.	305,816	203	2	1	1		1			5
Kearney, N. J.	24,325	29					1		2	1
Kenosha, Wis.	32,833	8	4		1		1	1	1	2
Knoxville, Tenn.	59,112				1		2		2	1
Kokomo, Ind.	21,929	9	3	1						
Lackawanna, N. Y.	16,219	14			19	1				
La Crosse, Wis.	31,835	18								
La Fayette, Ind.	21,481	5	1							
Lancaster, Pa.	51,437		5							
Lawrence, Kans.	13,477	10								
Lawrence, Mass.	102,923	36	1						4	5
Leavenworth, Kans.	19,363	16								1
Lebanon, Pa.	20,947		1							
Lima, Ohio.	37,145	18	1		1		4			1
Lincoln, Nebr.	46,937	10	2						3	
Lincoln, R. I.	10,473									
Little Falls, N. Y.	13,633	2					1			
Little Rock, Ark.	58,716	4			2				3	2
Logansport, Ind.	21,338	11								
Long Beach, Cal.	29,163	18							1	
Lorain, Ohio.	38,266		1						1	
Los Angeles, Cal.	535,485		20	1	3		1	1	50	26
Louisville, Ky.	240,808	107	4	1	1				7	3
Lowell, Mass.	114,366	37	13	1					10	3
Lynchburg, Va.	33,497	15								2
Lynn, Mass.	104,534	26	4				2		2	4
Macon, Ga.	46,099	23								
Madison, Wis.	31,315						1			
Malden, Mass.	52,243	12	1				1		1	
Manchester, Conn.	15,859	3	1							
Manchester, N. H.	79,607	19	1	1			1		5	
Manitowoc, Wis.	13,931	7								
Mansfield, Ohio.	23,051								2	
Marinette, Wis.	14,610	3								
Marion, Ind.	19,923	7	2							
Marquette, Mich.	12,553	4								
Martinsburg, W. Va.	12,984						1			
Mattoon, Ill.	12,764	5	2		3					
Medford, Mass.	26,681	6	1		1					
Melrose, Mass.	17,724	3								
Memphis, Tenn.	151,877	64	3		3				18	3
Menominee, Mich.	10,507	2								
Middletown, N. Y.	15,890				3				1	
Middletown, Ohio.	16,384	12	2	1	2					
Milford, Mass.	14,280	2								

Population Apr. 15, 1910.



## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Nov. 9, 1918—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Milwaukee, Wis.	445,008	178	9		3		26		18	14
Mishawaka, Ind.	17,083	17								
Missoula, Mont.	19,075	28								
Mobile, Ala.	59,201	31	2							2
Montclair, N. J.	27,087	6							1	1
Montgomery, Ala.	44,039	17			1				3	1
Morgantown, W. Va.	14,444	8	1		1				1	
Morristown, N. J.	13,410	9								
Mount Carmel, Pa.	20,709		2							
Mount Vernon, N. Y.	37,991	22								2
Muncie, Ind.	25,653	7	1							1
Nashua, N. H.	27,541	7								
Nashville, Tenn.	118,136	102	2		9		1		3	5
Newark, N. J.	418,789		16	2			4		39	18
New Bedford, Mass.	121,622	54	7						7	1
New Britain, Conn.	55,385	7								1
Newburgh, N. Y.	29,893	24								2
Newburyport, Mass.	15,291	4								
New Castle, Pa.	41,915						1			
New Haven, Conn.	152,275	128	8				1		12	3
New London, Conn.	21,199	9	1							
New Orleans, La.	377,010	263	4						22	18
Newport, Ky.	32,133	18					2		2	2
Newport, R. I.	30,585	6								1
Newton, Mass.	44,345	7	5						1	
New York, N. Y.	5,737,492	3,566	145	18	13	1	33	1	186	175
Niagara Falls, N. Y.	38,466	37	5							
Norfolk, Va.	91,148		3		1					
North Adams, Mass.	122,019	12								
Northampton, Mass.	20,006	17								3
North Attleboro, Mass.	11,248	1								
North Tonawanda, N. Y.	14,060	9							1	1
North Yakima, Wash.	22,058				1		2			
Norwalk, Conn.	27,332	13								
Norwood, Ohio.	21,269	8							1	1
Oakland, Cal.	296,405	195	5	1	2				5	2
Oak Park, Ill.	27,816	19					1			1
Oil City, Pa.	20,162		1		1					
Oklahoma City, Okla.	97,588	20			1					
Olean, N. Y.	16,927	8								
Omaha, Nebr.	177,777	179	6	4	2		3			2
Orange, N. J.	33,636	34					1			
Oshkosh, Wis.	26,549	9								
Parkersburg, W. Va.	21,059	13	1							
Pasadena, Cal.	49,620	21								3
Passaic, N. J.	74,478	42	3				1		2	2
Peabody, Mass.	18,785	6	1						1	
Peekskill, N. Y.	19,034	7								
Peoria, Ill.	72,194	31								2
Perth Amboy, N. J.	42,646	9							1	
Philadelphia, Pa.	1,755,514	802	39	8	10		13		56	67
Piqua, Ohio.	14,275	4								
Pittsburgh, Pa.	586,196		23		3		8		19	
Pittsfield, Mass.	39,678	18								1
Plainfield, N. J.	24,350	18							2	
Plymouth, Mass.	14,001	8								
Plymouth, Pa.	19,439		2		1					
Pontiac, Mich.	18,006	21					1			1
Port Chester, N. Y.	16,727	14					1			
Portland, Me.	64,720	19	1				2			
Portland, Oreg.	305,399	201	4				2			3
Portsmouth, N. H.	11,730								1	
Pottsville, Pa.	22,717		1	2						
Providence, R. I.	253,895	133	14	2	3		3			5
Quincy, Ill.	36,832	19		1					1	
Quincy, Mass.	39,022	6							3	
Racine, Wis.	47,465	18	1						2	2
Reading, Pa.	111,607		1		3		1			
Redlands, Cal.	14,573	3								
Richmond, Va.	158,702	71	2				3		25	6
Roanoke, Va.	46,282	20	2				2		1	2
Rochester, N. Y.	264,714	147	7	1	1		3		6	3
Rockford, Ill.	56,739	30								2

<sup>1</sup>Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Nov. 9, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Rock Island, Ill.	29,452	13								
Rocky Mount, N. C.	19,613	12								
Rome, N. Y.	24,959								2	
Rutland, Vt.	15,038	9								
Sacramento, Cal.	68,984	163	3				3			5
Saginaw, Mich.	55,469	20	5	2	10					
St. Joseph, Mo.	86,498	59	4		1		4		1	
St. Louis, Mo.	768,670	393	38		12		10		45	16
Salt Lake City, Utah	121,623		7				3	1		2
San Antonio, Tex.	128,215								4	
San Diego, Cal.	55,412	59	4		2		1			3
Sanitary, Ohio	20,226	19					1		2	1
Sanford, Me.	11,217	5								1
San Francisco, Cal.	471,073	529	4		5		4		24	21
Santa Ana, Cal.	10,981	18								
Santa Barbara, Cal.	15,320	10							2	
Santa Cruz, Cal.	15,150	5								
Saratoga Springs, N. Y.	19,839	7	1							
Sault Ste. Marie, Mich.	14,120	18	2	1						
Schenectady, N. Y.	107,774	39	1				1		3	3
Scranston, Pa.	149,541		11		1		3			
Seattle, Wash.	365,445		5		1		3			
Shamokin, Pa.	21,274		3							
Shelbyville, Ind.	11,201	4							1	1
Shenandoah, Pa.	29,753		2				1			
Sioux City, Iowa	55,568		1				1			
Sioux Falls, S. Dak.	16,887	15								
Somerville, Mass.	68,618	26	11				2		1	1
South Bend, Ind.	70,967	62	1		9		2			2
Southbridge, Mass.	14,465	5					2		3	1
Spartanburg, S. C.	21,965	15	2							
Spokane, Wash.	157,656						2		5	
Springfield, Ill.	62,623	51	1	2						4
Springfield, Mass.	107,668	77	2						2	3
Springfield, Mo.	41,169	8								1
Springfield, Ohio	52,296		2		6				1	2
Steelton, Pa.	15,759		1							
Steubenville, Ohio	28,259	37	1						2	
Superior, Wis.	47,167	33					2			
Syracuse, N. Y.	158,559	64	5	1			19		3	4
Tacoma, Wash.	117,446		1				2			
Taunton, Mass.	36,610	28							2	3
Tiffin, Ohio	19,962						1			
Toledo, Ohio	207,070	149	5		1		1			8
Trenton, N. J.	113,974	81	2	1					2	3
Troy, N. Y.	78,074	69	2						3	4
Tuscaloosa, Ala.	10,824	4	2						3	
Utica, N. Y.	89,272	11								3
Waco, Tex.	34,615	19							1	
Waltham, Mass.	31,611	18								2
Washington, D. C.	367,283	161	10	1	3		3		17	10
Waterloo, Iowa	36,987	12	1				2			1
Watertown, Mass.	15,188	7								
Watertown, N. Y.	20,404	9								
Webster, Mass.	13,484	7								
Westfield, Mass.	18,769	7	1						4	1
West Hoboken, N. J.	44,386	12	2						2	
West New York, N. J.	19,613									
West Orange, N. J.	13,964		1						1	
Wheeling, W. Va.	43,657	34	1		1		1		1	
White Plains, N. Y.	23,331	7								
Wichita Falls, Tex.	12,749		2							
Wichita, Kans.	73,597						3			
Wilkes Barre, Pa.	78,334		2				1			
Williamsport, Pa.	24,123		4				1			
Wilmington, Del.	95,369	81							4	4
Winchester, Mass.	19,812	4								1
Winona, Minn.	18,582	12								
Winston-Salem, N. C.	33,136	29							2	1
Woburn, Mass.	16,076	8					1			
Yonkers, N. Y.	107,036		3						11	2
Zanesville, Ohio	31,320	28							1	

1 Population Apr. 15, 1910.

## FOREIGN AND INSULAR.

### INFLUENZA ON VESSELS.

#### Steamship "Lake Sunapee"—Lisbon, Portugal.

Four cases of influenza were reported October 27, 1918, in seamen on the American steamship *Lake Sunapee*, at Lisbon, Portugal.

#### Steamships "City of Colombo"—Havre, France.

The arrival of the steamship *City of Colombo* at Havre, France, with 74 cases of influenza in a crew of 78 was reported October 17, 1918.

#### Steamships—Honolulu, Hawaii.

From October 19 to 22, 1918, five additional cases of influenza developed among the crew of the steamship *Meikai Maru*. This vessel arrived at Honolulu October 19, 1918, from San Francisco, Cal., with a history of 27 cases of influenza occurring on board during the voyage.<sup>1</sup>

During the month of October, 1918, influenza was reported on 22 vessels arriving at Honolulu, with a total of 56 cases.

### COLOMBIA.

#### Influenza—Barranquilla—Cartagena.

Epidemic influenza in mild form was reported present at Barranquilla and Cartagena, Colombia, October 29, 1918. At Cartagena a number of cases were reported among troops in barracks.

### FRANCE.

#### Influenza—Lyon—Marseille—Nantes—St. Etienne.

Influenza has been further reported in France<sup>2</sup> as follows:

*Lyon*.—On October 15, 1918, a serious epidemic of influenza was present.

*Marseille*.—During the month of September, 1918, influenza was reported present at Marseille. Mortality reports for the period referred to show 55 fatalities from broncho-pneumonia, 89 from pneumonia, and 261 from other respiratory diseases at Marseille. (Population, about 600,500.)

<sup>1</sup> Public Health Reports, Oct. 25, 1918, p. 1847.

<sup>2</sup> Cf. Public Health Reports, Oct. 25, 1918, p. 1848.

*Nantes.*—Epidemic influenza was reported present at Nantes during the months of September and October, 1918.

*St. Etienne.*—Epidemic influenza and broncho-pneumonia were reported at St. Etienne, October 1 to 15, 1918.

#### HAWAII.

##### Influenza—District of Honolulu.

During the month of October, 1918, 14 cases of influenza were reported in the district of Honolulu, which includes the entire island of Oahu.

#### MALTA.

##### Influenza.

Influenza was reported present in the island of Malta during the month of August, 1918.

#### MEXICO.

##### Influenza—Durango—Tapachula.

Epidemic influenza was reported, November 7, 1918, at Durango, Mexico. At Tapachula, State of Chiapas, Mexico, 500 fatal cases of influenza were reported during the two weeks ended November 17, 1918.

##### Influenza—State of Coahuila.

Epidemic influenza, with many fatalities, was reported, November 13, 1918, in the mining region of the State of Coahuila, Mexico.

#### PORTUGAL.

##### Influenza—Lisbon.

Epidemic influenza was reported prevalent throughout Portugal in October, 1918. In Lisbon an estimated daily occurrence of about 200 fatalities was reported. The greatest prevalence was reported in the northern section of the country.

#### RHODESIA.

##### Further Relative to Outbreak of Plague,<sup>1</sup> May, 1918.

According to information dated August 30, 1918, an outbreak of plague occurred early in the month of May, 1918, in northern Rhodesia with an estimated number of 56 fatal cases among natives. Mortality among rats was reported in the area affected. The history of plague in Rhodesia shows that the disease made its first appearance in January, 1917, in the Luangwa Valley, with a total of 93 fatalities among natives. The types of the disease observed have been bubonic and septicemic.

<sup>1</sup> Cf. Public Health Reports, Sept. 13, 1918, p. 1508.

**SAMOA.****Influenza—Apia.**

Epidemic influenza was reported at Apia, Samoa, November 22, 1918, with many fatal cases occurring among natives.

**SIBERIA.****Typhus Fever—Irkutsk.**

Epidemic typhus fever was reported at Irkutsk, Siberia, during the period from November 1 to 17, 1918, with a total of 600 cases.

**SPAIN.****Influenza—Palma de Mallorca, Balearic Isles.**

Epidemic influenza was reported, October 9, 1918, at Palma de Mallorca, Balearic Isles.

**VENEZUELA.****Influenza—Puerto Cabello.**

During the two weeks ended November 9, 1918, epidemic influenza was reported present at Puerto Cabello, Venezuela, with a total of 77 fatal cases.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.****Reports Received During Week Ended Nov. 29, 1918.<sup>1</sup>****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras.....	Sept. 1-7.....	17	11	
Mesopotamia:				
Bagdad.....	Aug. 21-30.....	3		
Philippine Islands:				
Provinces.....				
Bohol.....	Oct. 6-12.....	79	58	Oct. 6-12, 1918: Cases, 160; deaths, 116.
Cavite.....	do.....	28	22	
Cebu.....	do.....	29	16	Not previously reported.
Iloilo.....	do.....	3		
Lanao.....	do.....	10	6	
Misamis.....	do.....	3	2	
Oriental Negros.....	do.....	1	1	
Pangasinan.....	do.....	5	4	
Sorsogon.....	do.....	1	6	
Union.....	do.....	1	1	

**PLAGUE.**

India:				
Madras.....	Sept. 1-7.....	1	1	
Rhodesia.....	May 1-9.....		56	Present in Luangwa Valley, Jan., 1917, with 93 fatal cases.
Venezuela.....				Jan.-Sept., 1918: Cases, 64; deaths, 21. 1 case septicemic.

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

## **Reports Received During Week Ended Nov. 29, 1918—Continued.**

### **SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
New Brunswick—				
Saint John.....	Nov. 10-16.....	1		
Nova Scotia—				
Sydney.....	.....do.....	2		
China:				
Chungking.....	Sept. 15-Oct. 5.....			Present.
Nanking.....	Sept. 8-24.....			Do.
India:				
Madras.....	Sept. 1-7.....	20	3	
Newfoundland:				
Blaketown.....	Nov. 3-9.....	1		
Marystown.....	.....do.....	10		
Portugal:				
Lisbon.....	Oct. 20-26.....	69		

### **TYPHUS FEVER.**

Colombia:				
Burraquilla.....	Oct. 20-26.....		1	
Siberia:				
Irkutsk.....	Nov. 1-17.....	600		

### **YELLOW FEVER.**

Guatemala:				
Esuint'a.....	To Nov. 1.....	40		

## **Reports Received from June 29 to Nov. 22, 1918.**

### **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Albania.....				Aug. 7, 1918: Present.
Austria-Hungary:				
Hungary.....				July 26, 1918: Present.
India:				
Bombay.....	Mar. 17-June 29.....	12	8	
Do.....	June 30-Aug. 17.....	4	2	
Calcutta.....	Apr. 14-June 29.....		453	May 19-June 1, 1918: Deaths, 74.
Do.....	June 30-Sept. 7.....		80	
Madras.....	Mar. 24-June 1.....	7	4	
Do.....	July 6-Aug. 10.....	36	21	
Mandalay.....	May 5-June 15.....		8	
Mergui.....	May 19-25.....		1	
Pegu.....	May 25-June 1.....		1	
Rangoon.....	Mar. 30-May 18.....	25	19	
Do.....	June 29-Aug. 31.....	4	2	
Indo-China.....				Jan. 1-Apr. 30, 1918: Cases, 437; deaths, 302.
Anam.....	Mar. 1-Apr. 30.....	7	5	
Cambodia.....	Jan. 1-Apr. 30.....	248	185	
Cochin-China.....	.....do.....	165	111	May 20-June 16, 1918: Cases, 66; deaths, 55.
Choien.....	May 20-June 16.....	4		
Saigon.....	Apr. 20-Sept. 15.....	101	27	
Tonkin.....	Jan. 1-Apr. 30.....	7	43	
Java:				
East Java—				
Surabaya.....	June 6-12.....	13	3	Present July 24.
Do.....	June 25-Sept. 2.....	715	551	
Mid-Java.....				Apr. 18-June 26, 1918: Cases, 894; deaths, 653. June 27-Sept. 4, 1918: Cases, 1,276; deaths, 2,088.
Samarang.....	July 24.....			Present.
West Java.....				Feb. 23-June 27, 1918: Cases, 1,432; deaths, 869; June 28-Sept. 4, 1918: Cases, 1,019; deaths, 624.
Batavia.....	Feb. 22-June 27.....	231	103	
Do.....	June 28-Sept. 4.....	145	89	
Cheribon.....	June 7-27.....	146	111	



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

## **Reports Received from June 29 to Nov. 22, 1918—Continued.**

### **CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Persia.....				June 16-23, 1918: Deaths, 191.
Provinces—				
Chiraz.....	June 27.....			Present, especially among tribes of Gashgaye and in the city of Darab.
Kazovine.....	June 12-15.....			Present.
Kars Province—				
Kazaroun.....				December, 1917: 3 or 4 deaths reported daily.
Mahour-Milati.....				Present in December, 1917, with about 300 fatal cases reported.
Kerman Province—				
Kerman.....				Outbreak, Feb. 5, 1918.
Khorasan.....				Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Seistan.....				Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.
Philippine Islands:				
Manila.....	Sept. 22-28.....	5	4	
Provinces.....				Apr. 28-June 29, 1918: Cases, 677; deaths, 428. June 30-Oct. 5, 1918: Cases, 1,770; deaths, 732.
Bohol.....	Apr. 28-June 29.....	65	53	
Do.....	July 7-Oct. 5.....	518	341	
Bulacan.....	Sept. 29-Oct. 5.....	3	2	
Capiz.....	Apr. 28-May 4.....	1	1	
Cavite.....	Sept. 22-Oct. 5.....	49	30	
Cebu.....	May 5-June 22.....	35	10	
Do.....	June 30-Sept. 28.....	459	272	
Leyte.....	Apr. 28-June 29.....	108	39	
Do.....	June 30-Sept. 7.....	38	36	
Misamis.....	Apr. 28-June 22.....	294	163	
Do.....	June 30-Sept. 28.....	316	106	
Oriental Negros.....	June 3-29.....	42	23	
Do.....	June 30-Oct. 5.....	137	67	
Pangasinan.....	Sept. 29-Oct. 5.....	6	3	
Rizal.....	.....do.....	28	20	
Sorsogon.....	June 2-29.....	112	100	
Do.....	July 14-Oct. 5.....	176	71	
Surigao.....	Apr. 28-June 22.....	92	89	
Do.....	June 30-Aug. 17.....	17	17	
Russia:				
Astara.....	Jan. 9-Feb. 27.....	58	48	In vicinity, Feb. 11-23, 1918: Cases, 17; deaths, 14. Province of Transcaucasia.
Petrograd.....	July 7.....			Present.
Sweden:				
Stockholm.....	July 15.....	5	1	From S. S. Angermanland from Petrograd, Russia.
Switzerland.....				July 26, 1918: Present.
On vessel:				
S. S. Angermanland.....	July 14.....	8	1	At Stockholm; from Petrograd.

### **PLAGUE.**

Algeria:				
Algiers.....	Sept. 1-30.....	1		
Arabia:				
Aden.....	May 22-28.....		1	
Argentina:				
Buenos Aires.....	Apr. 20-May 22.....	16	2	
Tucuman.....				In March, 1918: 3 cases in an institution.
Brazil:				
Bahia.....	June 16-22.....	1	1	
Ceylon:				
Colombo.....	Mar. 23-June 29.....	22	21	
Do.....	June 30-Aug. 24.....	2	1	
China:				
Amoy.....	July 22-Sept. 30.....			Present.
Hongkong.....	Apr. 14-June 29.....	124	94	
Do.....	June 30-Sept. 28.....	131	105	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received from June 29 to Nov. 22, 1918—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Duran.....	Apr. 1-30.....	2	.....	
Guayaquil.....	May 1-June 15....	28	10	
Do.....	July 1-Sept. 30....	2	2	Feb. 1-28, 1918: Cases, 22; deaths, 8.
Egypt.....				Jan. 1-July 4, 1918: Cases, 438; deaths, 228.
Alexandria.....	Sept. 24-30.....	1	.....	
Port Said.....	May 19-21.....	2	1	1 pneumonic.
Do.....	July 4.....	1	1	
Provinces—				
Assiout.....	July 27-29.....	2	1	
Bent-Souef.....	Apr. 26-30.....	2	1	
Fayoum.....	Apr. 21-June 27....	10	4	
Gizeh.....	June 30.....	1	.....	
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10....	33	14	5 septicemic.
Do.....	June 27-July 4....	17	4	1 pneumonic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
London, Port.....	Aug. 17.....	5	.....	On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From S. S. Somali at Gravesend from Bombay.
India.....				Mar. 31-June 29, 1918: Cases, 163,977; deaths, 132,917. June 30-Aug. 24, 1918: Cases, 12,111; deaths, 8,727.
Basseln.....	Mar. 25-June 15....	.....	149	
Do.....	July 7-27.....	.....	9	
Bombay.....	Mar. 24-June 29....	992	804	
Do.....	June 30-Aug. 17....	75	61	
Calcutta.....	Apr. 14-June 29....	.....	110	May 19-June 1, 1918: Deaths, 30.
Do.....	June 30-July 20....	.....	10	
Benazada.....	Mar. 24-June 29....	.....	23	
Karachi.....	Apr. 21-June 29....	879	807	
Do.....	June 30-Aug. 17....	26	24	
Madras Presidency.	Mar. 24-June 15....	493	362	Mar. 17-May 4, 1918: Cases, 1,133; deaths, 820.
Do.....	July 14-Aug. 10....	716	521	
Mandelay.....	Mar. 17-Apr. 20....	.....	62	
Moulmein.....	Mar. 24-June 29....	.....	144	
Do.....	July 7-27.....	.....	16	
Myingyan.....	Mar. 17-Apr. 14....	.....	10	
Pegu.....	Apr. 14-June 29....	.....	14	
Do.....	July 7-20.....	.....	3	
Prome.....	Mar. 24-June 15....	.....	34	
Do.....	July 7-27.....	.....	38	
Rangoon.....	Mar. 30-June 22....	433	418	
Do.....	June 30-Aug. 31....	222	207	
Toungoo.....	Mar. 24-Apr. 27....	.....	59	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 722; deaths, 534.
Anam.....	Jan. 1-Apr. 30.....	127	76	
Cambodia.....	do.....	200	278	
Cochin-China.....	do.....	227	121	May 29-June 8, 1918: Cases, 66; deaths, 30.
Cholon.....	May 30-June 8.....	12	6	
Saigon.....	Apr. 29-Sept. 15....	73	42	
Kwang-Chow-Wan.	Mar. 1-Apr. 30.....	63	38	
Laos.....	Feb. 1-28.....	4	2	
Tonkin.....	Mar. 1-Apr. 30.....	21	19	
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residences—				
Djocjakarta.....	Jan. 15-Apr. 8.....	3	31	
Kediri.....	do.....	13	10	
Madiaen.....	do.....	30	30	
Samarang.....	do.....	82	81	
Surabaya.....	do.....	97	97	
Do.....	Aug. 27-Sept. 9....	20	29	June 11-24, 1918: Cases, 21; deaths 21. June 25-Sept. 4, 1918: Cases, 60; deaths, 60.
Surakarta.....	Jan. 15-Apr. 8.....	12	12	
Mid-Java.....	July 11-Sept. 4....	39	39	
Samarang.....	Aug. 15-21.....	19	19	
West Java.....				Aug. 17-28, 1918: Cases, 73; deaths, 46.
Batavia.....	Aug. 17-28.....	49	28	
Mesopotamia:				
Amara.....	May 21-27.....	.....	.....	Present.
Bagdad.....	July 27-Aug. 2.....	4	2	
Bassora.....	May 21-27.....	.....	.....	Do.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

Reports Received from June 29 to Nov. 22, 1918—Continued.

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Peru.....				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261. Apr. 1-May 31, 1918: Cases, 71.
Departments—				
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31.....	7		
Lambayeque.....	do.....	8		
Libertad.....	Apr. 1-May 31.....	40		
Lima.....	do.....	6		
Piura.....	do.....	9		
Rhodesia.....				Aug. 30, 1918: Present in northern Rhodesia.
Siam:				
Bangkok.....	May 10-June 20.....	82	62	
Do.....	July 2-Aug. 31.....	43	35	
Straits Settlements:				
Tenang.....	June 2-29.....	6	6	
Do.....	June 30-Aug. 17.....	8	7	
Singapore.....	Apr. 2-June 22.....	61	53	
Do.....	June 30-Aug. 17.....	9	6	
On vessel:				
S. S. Hector.....	Aug. 10-21.....			At Gravesend, port of London, 6 members of crew.
S. S. Mora.....	Aug. 31.....	3	2	At Dundee, Scotland, from Calcutta. One of cases pneumonic.
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.
S. S. Sunning.....			1	Local steamer at Shanghai; reported Aug. 14, 1918.

## **SMALLPOX.**

Algeria:				
Algiers.....	May 1-June 30.....	121	34	
Do.....	July 1-31.....	1		
Brazil:				
Bahia.....	May 5-June 22.....	2		
Rio de Janeiro.....	May 5-June 29.....	30	4	
Do.....	June 20-Aug. 24.....	155	33	
Santos.....	Apr. 22-28.....		1	
British East Africa:				
Monbasa.....	Jan. 1-June 30.....		5	
Canada:				
British Columbia—				
Victoria.....	June 23-29.....	4		
Do.....	July 7-Aug. 3.....	2		
Manitoba—				
Winnipeg.....	June 9-22.....	5		
Do.....	July 7-25.....	4		
New Brunswick—				
Moncton.....	June 16-22.....	2		
Do.....	July 7-13.....	4		
St. John.....	Nov. 3-9.....	1		
Nova Scotia—				
Halifax.....	June 22-28.....	10		
Do.....	June 30-Nov. 3.....	116		
Sydney.....	June 30-Aug. 31.....	3		
Ontario.....				June 1-30, 1918: Cases, 15. July 1-31, 1918: Cases, 38.
Gloucester.....	Aug. 1-31.....	1		In Indian settlement.
Nipissing district.....	do.....	5	1	
Ottawa.....	do.....	8		
Wallaenburg.....	do.....	2		
Windsor.....	July 21-27.....	1		
Prince Edward Island—				
Summerside.....	July 9-15.....	1		
Quebec—				
Montreal.....	July 7-13.....	1		
Canal Zone:				
Colon.....	Sept. 22-28.....	1		
Panama.....	Aug. 12-Sept. 28.....	80		
Ceylon:				
Colombo.....	Mar. 22-June 29.....	30	2	
Do.....	June 30-July 27.....	8	2	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received from June 29 to Nov. 22, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China:</b>				
Amoy.....	Apr. 1-June 29.....	.....	.....	Present.
Do.....	June 30-Sept. 30.....	.....	.....	Do.
Antung.....	May 20-Aug. 4.....	7	1	
Chungking.....	May 12-June 29.....	.....	.....	Do.
Do.....	July 21-Sept. 14.....	.....	.....	Do.
Dairen.....	May 7-July 1.....	51	10	
Do.....	July 2-15.....	6	1	
Foochow.....	Aug. 18-24.....	.....	.....	Do.
Hailar Station.....	Feb. 12-18.....	2	.....	Chinese Eastern Ry.
Harbin.....	Mar. 20-June 3.....	4	.....	Do.
Do.....	July 1-7.....	2	.....	Do.
Manchuria Station.....	Feb. 19-June 9.....	5	.....	Do.
Hongkong.....	Apr. 6-June 8.....	19	2	
Do.....	July 28-Aug. 3.....	1	1	
Nanking.....	June 16-22.....	.....	.....	Present.
Do.....	June 30-Aug. 31.....	.....	.....	Do.
Shanghai.....	Apr. 21-June 2.....	3	.....	
Tientsin.....	May 19-June 15.....	10	.....	
Tsingtau.....	May 6-June 30.....	28	1	
Do.....	July 1-14.....	4	.....	
<b>Chosen (Korea):</b>				
Chemulpo.....	July 1-31.....	2	1	
<b>Colombia:</b>				
Barranquilla.....	July 14-Oct. 19.....	4	1	
Cartagena.....	May 21-July 1.....	.....	2	
Do.....	July 8-Aug. 19.....	.....	2	
<b>Cuba:</b>				
Cienfuegos.....	Oct. 20-26.....	2	2	
<b>Denmark:</b>				
Copenhagen.....	June 16-22.....	13	.....	
Do.....	July 29-Sept. 28.....	14	.....	
<b>Ecuador:</b>				
Guayaquil.....	Apr. 1-30.....	2	.....	
<b>Egypt:</b>				
Alexandria.....	May 7-13.....	1	.....	
<b>France:</b>				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 29.....	14	3	
Do.....	June 30-Sept. 7.....	19	5	
Rouen.....	May 12-June 15.....	6	.....	Including varioloid.
<b>Germany:</b>				
<b>Great Britain:</b>				
Liverpool.....	June 9-15.....	1	.....	Mar. 24-June 1, 1918: Cases, 29.
<b>Greece:</b>				
Kalamata.....	June 26.....	.....	.....	From vessel.
<b>India:</b>				
Bombay.....	Mar. 24-June 29.....	1,167	574	
Do.....	June 30-Aug. 17.....	43	19	
Calcutta.....	Apr. 14-June 29.....	.....	246	
Do.....	June 30-Sept. 7.....	.....	57	
Karachi.....	Apr. 6-June 29.....	206	149	
Do.....	June 30-July 20.....	22	3	
Madras.....	Mar. 21-June 15.....	77	27	June 16-22, 1918: Cases, 9; deaths, 6.
Do.....	June 30-Aug. 10.....	82	24	Mar. 17-May 4, 1918: Cases, 77; deaths, 33.
Rangoon.....	Mar. 31-June 22.....	81	35	
Do.....	June 30-Aug. 31.....	11	8	
<b>Indo-China:</b>				
Anam.....	Jan. 1-Apr. 30.....	1,233	149	Jan. 1-Apr. 30, 1918: Cases, 4,043; deaths, 888.
Cambodia.....	do.....	173	48	
Cochin-China.....	do.....	1,967	697	
Cholon.....	May 29-June 16.....	1	.....	May 20-June 16, 1918: Cases, 67; deaths, 21.
Saigon.....	July 30-Aug. 25.....	31	4	
Kwang-Chow-Wan.....	Feb. 1-Apr. 30.....	122	68	
Laos.....	Jan. 1-Feb. 28.....	8	1	
Tonkin.....	Jan. 1-Apr. 30.....	514	55	
<b>Italy:</b>				
Genoa.....	June 14-30.....	19	5	
Do.....	July 2-Aug. 15.....	30	7	
Mezzojuso.....	May 29.....	.....	.....	Many cases. Province of Palermo, Sicily.
Milan.....	July 1-31.....	24	.....	In April, 1918: Cases, 2. May 1-31, 1918: Cases, 51.
Palermo.....	May 30-June 5.....	1	.....	
Turin.....	Apr. 15-June 9.....	16	1	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received from June 29 to Nov. 22, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Japan:</b>				
Kobe.....	Aug. 18-31.....	2	2	
Nagasaki.....	May 2-June 30.....	11	2	
Do.....	July 3-21.....	1	1	
Taihoku.....	May 21-July 1.....	18	9	Island of Formosa.
Do.....	July 2-Sept. 16.....	9	3	
Tokyo.....	May 5-June 23.....	24	3	Feb. 14-Mar. 13, 1918: Cases, 15.
<b>Java:</b>				
East Java—				
Surabaya.....	Feb. 26-June 24.....	10	3	
Do.....	June 25-Sept. 9.....	76		
Mid-Java.....				Feb. 14-June 26, 1918: Cases, 114; deaths, 3. June 27-Sept. 4, 1918: Cases, 140; deaths, 5.
West Java.....				Feb. 22-June 27, 1918: Cases, 403; deaths, 148. June 28-Sept. 11, 1918: Cases, 583; deaths, 247.
Batavia.....	Feb. 2-June 27.....	108	50	
Do.....	June 28-Aug. 7.....	118	90	
<b>Mesopotamia:</b>				
Bagdad.....	Mar. 6-June '18.....	47	7	
Do.....	June 30-July 12.....	3		
<b>Mexico:</b>				
Aguascalientes.....	June 19-16.....		1	
Guadalajara.....	June 1-30.....	3		
Do.....	July 1-Sept. 30.....	2	1	
Mazatlan.....	June 5-'18.....		2	
Do.....	July 3-Aug. 6.....		3	
Mexico City.....	May 19-June 22.....	78		
Do.....	June 30-Sept. 21.....	32		
Vera Cruz.....	Sept. 16-22.....	3		
<b>Newfoundland:</b>				
Arnolds Cove.....	Oct. 1-'18.....	1		
Bay Roberts.....	Aug. '18-Sept. 13.....	8		
Bell Island.....	Sept. '18.....	1		
Carmenville.....	Aug. 21-Sept. 6.....	2		
Colliers.....	Aug. 31-Oct. 11.....	10		
East Wabana.....	Aug. '18-30.....	1		
Greenbend.....	Sept. '18.....	2		
Harbor Grace.....	Oct. '18-Nov. 1.....	1		
Keels.....	Oct. 5-11.....	4		
Marystown.....	Oct. '18-Nov. 1.....	1		
Musgrave Harbor.....	Sept. '18.....	1		
Rencontre.....	Oct. 19-'18.....	5		
St. Johns.....	Sept. '18-Oct. 25.....	3		
Shearstown.....	Sept. '18.....	2		
St. John's Bay.....	Oct. 5-11.....	1		
Trout River.....	Sept. '18.....	2		
Wabana.....	Aug. 31-Sept. 6.....	18		Bell Island.
Wadhams.....	Sept. 7-13.....	7		
<b>Philippine Islands:</b>				
Manila.....	Apr. 8-June '19.....	884	616	Varioloid: Cases, 178; 1 death.
Do.....	June 30-Oct. 5.....	131	97	Varioloid: Cases, 14; 1 death.
<b>Portugal:</b>				
Lisbon.....	Feb. 24-June '19.....	97		
Do.....	June 30-Oct. 5.....	327		
<b>Russia:</b>				
Archangel (government).....	June 1-30.....	60		
Lithuania.....	Mar. 3-May 4.....	88	3	
<b>Siam:</b>				
Bangkok.....	May 11-June '19.....	9	3	
Do.....	July 14-Aug. 17.....	2	3	
<b>Siberia:</b>				
Vladivostok.....	May 1-June 30.....	33	7	
Do.....	July 1-Aug. 31.....	5	1	
<b>Spain:</b>				
Coruna.....	Apr. '18-June 30.....	1	1	
Do.....	July 15-Aug. 11.....		2	
Malaga.....	Dec. 1-31.....		29	
Do.....	Jan. 1-31.....		16	
Seville.....	Arr. 1-May 31.....		2	
Do.....	July 1-31.....		4	
Valencia.....	Aug. 11-31.....	5		
<b>Straits Settlements:</b>				
Penang.....	May 5-11.....	2		
<b>Sweden:</b>				
Stockholm.....	June 9-15.....	10		

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

**Reports Received from June 29 to Nov. 22, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Tunisia:				
Tunis.....	July 20-Sept. 27....	.....	7	
Union of South Africa:				
Cape Town.....	July 20-Aug. 2.....	1		From overseas, in a Nigerian
Johannesburg.....	Feb. 1-Apr. 30.....	37		soldier.
On vessel.....				1 case. At Liverpool, England.

## **TYPHUS FEVER.**

Argentina:				
Rosario.....	Apr. 1-May 31....	.....	2	
Austria-Hungary:				
Hungary.....				Feb. 25-Apr. 28, 1918: Cases, 299;
Budapest.....	Feb. 25-Apr. 28....	51	1	deaths, 9.
Brazil:				
Rio de Janeiro.....	May 26-June 8....	2		
Do.....	July 7-13.....	1		
Canada:				
Ontario—				
Toronto.....	Sept. 1-7.....	1		
China:				
Antung.....	May 20-June 9....	4		
Do.....	July 8-Sept. 15....	9	4	
Changsha.....	May 11-17.....	2	1	
Harbin.....	Jan. 1-June 16....	37		On Chinese Eastern Ry.
Do.....	July 1-7.....	1		
Manchuria Station.....	Jan. 15-June 30....	41		Do.
Do.....	July 1-14.....	3		
Pogranitchnaya.....	May 20-June 16....	4		
Shanghai.....	May 5-11.....	.....	1	
Do.....	July 14-20.....	1		
Tsingtau.....	Sept. 16-22.....	2		
Chosen (Korea):				
Seoul.....	June 1-30.....	17	4	
Do.....	July 1-Aug. 31....	5	2	
Colombia:				
Barranquilla.....	Aug. 25-Sept. 7....	.....	2	
Egypt:				
Alexandria.....	Aug. 5-July 1.....	1,362	321	
Do.....	July 2-Sept. 30....	471	130	
Germany.....				Apr. 14-May 11, 1918: Cases, 54;
Great Britain:				deaths, 4. In addition, 101
Belfast.....	May 26-June 1....	1		cases among prisoners of war,
Edinburgh.....	June 9-15.....	.....	1	of which 99 in Königsberg and
Glasgow.....	May 19-June 29....	13	5	1 in Oppelin, and 3 cases among
Do.....	July 21-Aug. 3....	3		the repatriated from Volhynia,
Greece:				Russia.
Athens.....	Apr. 14-June 30....	2	5	
Janina.....	Aug. 29.....	15		And in vicinity.
Saloniki.....	Apr. 28-June 29....	.....	36	
Do.....	June 30-Sept. 28....	.....	93	
Italy:				
Corato.....	May 6-June 2.....	4		Province of Bari.
Do.....	Aug. 18-24.....	2		
Moneta.....	May 6-June 9.....	25		Do.
Naples.....	Apr. 20-May 5.....	1		
Japan:				
Kobe.....	July 7-Aug. 3.....	10	5	
Nagasaki.....	May 27-June 23....	1	1	
Do.....	July 3-Oct. 13....	28	6	
Tokyo.....	June 24-July 7.....	1		
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29;
Surabaya.....	Feb. 12-Apr. 8.....	22	6	deaths, 8.
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32;
Samarang.....	Feb. 21-May 22....	10	2	deaths, 4.
West Java.....				Feb. 28-June 6, 1918: Cases, 89;
Batavia.....	Feb. 28-June 6....	61	15	deaths, 18.
Mesopotamia:				
Bagdad.....	Mar. 29-June 7....	101		
Do.....	June 30-July 12....	5		



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—** Continued.

Reports Received from June 29 to Nov. 22, 1918—Continued.

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Aguascalientes.....	July 8-14.....		1	
Chihuahua State—Parral.....	July 10.....			Epidemic: Reported present from about June 15, 1918.
Guadalajara.....	June 1-30.....	5	2	
Do.....	July 1-Sept. 30.....	7	3	
Mexico City.....	May 19-June 22.....	156		
Do.....	June 30-Sept. 21.....	406		
Portugal:				
Lisbon.....	Feb. 24-May 25.....	5		
Russia:				
Lithuania.....				Mar. 3-May 4, 1918: Cases, 2,514; deaths, 100.
Poland.....				Mar. 10-May 18, 1918: Cases, 8,593; deaths, 766.
Iodz.....	Mar. 10-May 18.....	479	79	
Warsaw.....	Mar. 10-Apr. 27.....	2,428	376	
Siberia:				
Vladivostok.....	May 1-June 15.....	16	2	
Do.....	Aug. 1-31.....	5		
Spain:				
Cadix.....	do.....		1	
Almeria.....	Apr. 1-30.....	1		
Sweden:				
Stockholm.....	Aug. 11-17.....	1		
Tunisia:				
Tunis.....	May 18-June 28.....	10	3	
Do.....	June 29-Oct. 4.....	5	3	
Union of South Africa:				
Cape of Good Hope, State.....				Sept. 10, 1914-Apr. 21, 1918: Cases 4,587 (European, 34); deaths, 939 (European, 25). June 2-15, 1918: Present in interior towns among natives.
Do.....				July 2-Aug. 3, 1918: Present in interior towns, Port Elizabeth district.
Port Elizabeth.....	Aug. 11-17.....	1		Present in district among natives, Apr. 11-Sept. 14, 1918.
Natal.....				Dec. 1, 1947-Apr. 21, 1918: Cases, 50; deaths, 11.

## **YELLOW FEVER.**

Brazil:				
Bahia.....	Apr. 27-June 29.....	27	9	
Do.....	June 30-July 6.....	4	2	
Pernambuco.....	June 1-15.....		1	
Do.....	Oct. 17.....			Present.
Ecuador:				
Guayaquil.....	Apr. 1-June 30.....	74	39	
Do.....	July 1-Sept. 30.....	92	48	And vicinity. Feb. 16-28, 1918: Cases, 2.
Naranjal.....	Apr. 1-June 30.....	2	1	
Do.....	Aug. 1-31.....	1	1	
Punta de Piedra.....	do.....	1		
Vinces.....	Aug. 1-Sept. 30.....	6	2	
Guatemala:				
Escuintla.....				Nov. 4, 1918: Three cases present.
San Jose.....	To Sept. 27.....		14	Oct. 2, 1918, present.
Do.....	Sept. 29-Oct. 5.....	3	1	Nov. 4, 1918: One case present.